



## Trustees View Planning, CAL

### *Corson, Cranch Discuss Long Range Planning*

The year 1972-73 will be a milestone in the history of Cornell University in which the basic directions of the University over the next 10 years will be charted. University President Dale R. Corson told a combined meeting of the Board of Trustees and the Cornell Council, an alumni leadership group, Friday.

Corson told the trustees and alumni gathered in Statler auditorium that "1972-73 will be a year for self-analysis and for decision" at Cornell.

He pointed out that all the problems, pressures and difficult choices facing the University during this academic year "point to the need for planning at a level and at a degree of sophistication we have never known at Cornell."

Corson's remarks to the trustees and council members preceded a speech by Edmund T. Cranch, associate dean of the College of Engineering, in which highlights of the report of the Advisory Committee on Long Range Financial Planning were presented. Cranch was chairman of the 15-member committee of students, faculty and administrators which presented its recommendations to Corson on Oct. 5.

Corson opened his speech to the more than 250 trustees and council members, a record attendance, assembled on campus for their annual joint meeting, by saying that public support for higher education in New York State is in trouble and that quick relief from federal programs cannot be expected.

"Although greatly increased public support for private higher education is not likely soon, it seems inevitable that there will be future increases," Corson said.

He said the two concepts of "accountability" and "public mission" will loom ever larger on the educational horizon.

"Private institutions cannot hope to spend public funds without rendering an adequate accounting of how funds are spent," he said, "and no one expects to do otherwise. Concern does arise, however, when accountability is coupled with the concept of 'public mission', which raises questions of eligibility for public funds."

Turning to Cornell's financial situation, Corson said the University is as yet without auditor certification and, therefore, tentative deficit for the year was \$1.2 million, a substantial reduction from the \$1.8 million which was budgeted at the beginning of the year. For the current year, he said, the estimated deficit is down to \$730,000. This is due largely to the receipt of a \$6 million gift from the estate of Anthony O.R. Baldrige which has been capitalized for the production of income.

Corson also announced that Harold D. Uris, a Cornell

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### *Board to Transform Aeronautical Lab Into Profit-Making Corporation*

The formation of a for-profit corporation by the Cornell Board of Trustees to which the assets and liabilities of Cornell Aeronautical Laboratory (CAL) will be transferred was announced by Robert W. Purcell, chairman of the Board, at a news conference last Saturday.

Purcell reported also that University President Dale R. Corson presented the report of the Advisory Committee on Long Range Financial Planning to the Board for discussion. No Board action is expected on the report prior to the Board's May meeting.

Concerning the Board's decision to form a new corporation, Purcell stated the action was a further reaffirmation of previous Board decisions to separate CAL from the University.

Sale of CAL was first approved "in principle" by the Trustees five years ago after the Board decided such a separation would be "in the best interests of both." In 1967, Cornell students and faculty criticized the relationship between CAL and the University because of the laboratory's war-related research.

Attempts to sell CAL to EDP Technology, Inc. in 1968 were hampered by a series of litigations over the legality of the sale of the laboratory to a private company.

A final ruling allowing Cornell to proceed with the sale was handed down by the New York State Court of Appeals in 1971, but during the intervening three years, changed EDP circumstances made it impractical to carry out the original terms, according to EDP officials. The sales contract was allowed to expire by both parties in July, 1971 and was not extended.

In March, the Board of Trustees announced it was studying the feasibility of creating a new profit-making corporation, and in May the Board empowered an ad hoc committee to develop a plan for the formation of such a corporation.

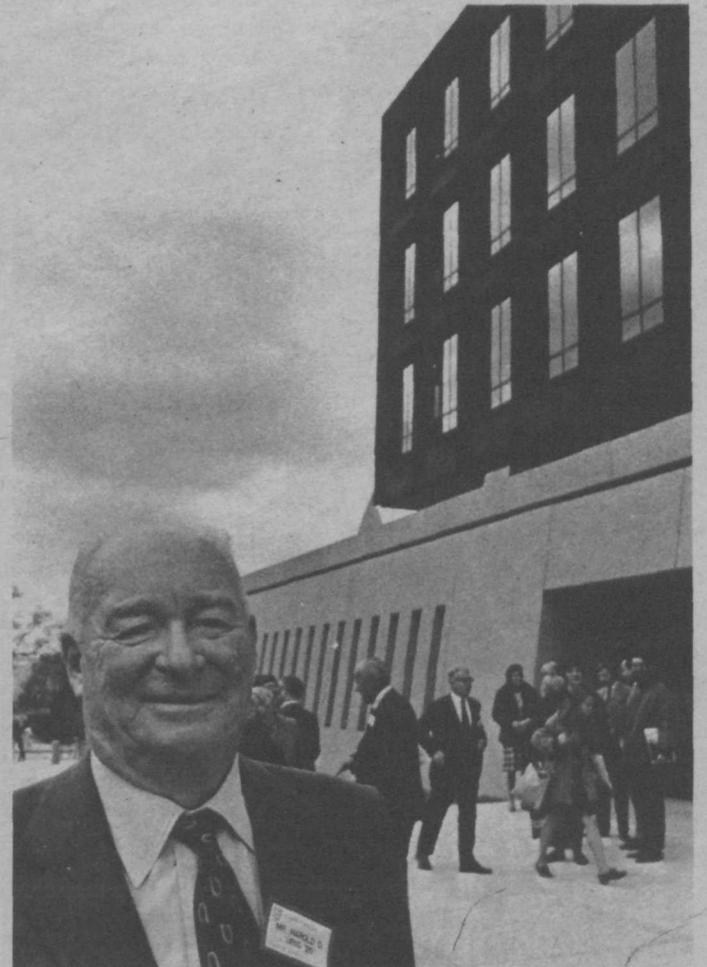
Purcell said the University is currently waiting for an Internal Revenue Service (IRS) ruling to determine if Cornell will have to pay back taxes in the event a for-profit corporation is formed.

The University asked for the IRS ruling, according to Purcell, to clarify the possible applicability of a provision of the Tax Reform Act of 1969 to "a situation of this kind." The ruling is expected in two or three weeks, he said.

Securities and Exchange Commission regulations concerning prospective stock issues prevented the board from commenting in detail on matters relating to the corporation, Purcell stated.

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### *Old Rusty*



URIS HALL .. Harold D. Uris, Cornell trustee, strolls in front of the new \$8.25 million social sciences building which was dedicated last Friday.



### *And Away They Go...*

Off and running in the annual Cornell intramural cross country race over the Moakley course were 125 starters. Wolfgang M. Goubau, a graduate student in physics, set a new meet record in winning the event in 11 minutes, 14.4 seconds.

# University Counsel Clarifies Subpoena Position

*Cornell University Counsel Neal R. Stamp Wednesday issued a statement concerning the University's response to subpoenas for the production of academic and disciplinary records of University students. The text of Stamp's statement reads:*

Recent statements in Campus news media concerning the University's response to a subpoena for the production of academic and disciplinary records of specified students at a criminal trial in Tompkins County Court have raised questions and anxieties among members of the University community as to the University's policies and practices in such matters. They have raised questions also concerning the status of the Statement of Student Rights and other regulations published in the "Policy Notebook for Students, Faculty and Staff"

Finally, it has become apparent that there is much confusion concerning the nature of a subpoena as a legal process and as to what circumstances, if any, will substantiate resistance to a subpoena. Perhaps these questions are best treated in reverse order.

For present purposes, a subpoena (a liberal derivation from the Latin "under penalty") is a process issued from a court of law, directing a person to put all other matters aside and appear as a witness before that court, in a designated action or proceeding and on a designated date. A *subpoena duces tecum* may also direct the individual to produce certain records or other physical evidence he may have in his possession. While the licensed attorney in a proceeding before the court may issue the subpoena over his signature, he does so as an officer of the court

and it is important to note that the witness is commanded to appear before the court and not in the private office of the attorney. One who fails to comply with a proper subpoena without taking advantage of remedies available to him may be punished for contempt of court, by way of fines and/or imprisonment.

In criminal matters, a grand jury may be impaneled by the Court, for the purpose of conducting investigations and evaluating evidence produced by the District Attorney with a view to determining whether there is sufficient evidence of criminal activity to warrant handing up a felony indictment. Either the grand jury or the District Attorney may issue a subpoena or *subpoena duces tecum* in connection with these investigations. Generally the subpoena issued in a grand jury proceeding is comparable to a subpoena in a litigated proceeding before the court and the rights of the subpoenaed witness are likewise comparable.

The subpoenaed witness may appeal directly and informally to the court for relief if some aspect of the demanded appearance imposes undue hardship or other unreasonable burden. In response, the court may modify the terms of the subpoena. If the subpoenaed witness wishes to avoid appearance or production of records altogether, his remedy is a formal "motion to quash" the subpoena. Because the subpoena is a valued instrument for the production of evidence in our system of justice, the law permits a proper subpoena to be quashed only for certain public policy reasons as specified in the law. For example, in this State there are specified privileged relationships which are legally protected from intrusion by the subpoena. Among these relationships are attorney-client, physician-patient, clergyman-penitent, psychologist-client, and social worker-client.

An individual claim to right of privacy, or an agreement between private persons or a resolution of an extra-legal body to the effect that records of one party will be held in confidence by the other party, do not constitute a valid ground for quashing a subpoena in the absence of one of the confidential relationships specified above. Consequently, it should be noted that the general acceptance on campus of the Statement of Student Rights adopted by the University Senate, and particularly Article V thereof with respect to "the right to private records", does not accord that Statement a standing before the law which will provide a basis, absent other factors, for successfully challenging a proper subpoena. In fact, the draftsmen of Article V took partial note of this point in paragraph 3 by stating that information from the University's individual personnel files would not be made available "to any person outside the

University without the express consent of the student *except under legal compulsion* (emphasis supplied).

The Policy Notebook for Students, Faculty and Staff is a compilation of numerous regulations, policy statements and explanations for the general information of members of the community. In compiling this Notebook, the Dean of Students makes every effort to assure authenticity but the continuing flow of legislative action by the University Senate, the University Faculty and the Board of Trustees sometimes means that



Neal R. Stamp

language in the annually published Notebook is out of date. Further, regulations stated therein may have been adopted by varying campus legislative bodies. For example, contrary to numerous recent statements in the press, the Statement of Student Rights has not been submitted to the Board of Trustees for approval.

The University's policies and practices with respect to subpoenas have evolved over the years in response to the law and to changes in campus attitudes. Until very recently, the prospect of a student record being subpoenaed in connection with a criminal proceeding was essentially nonexistent. Those few instances in which such records were subpoenaed usually involved civil lawsuits to recover damages for personal injuries suffered by a student. In such a case, the student would be a party to the proceeding and his medical and academic records would have a potential relevancy in showing the impact of the injuries on his general physical well-being and his academic performance. It should be noted here that the subpoena of a University medical record potentially involves the privileged physician-patient communication cited above. Consequently, the University has been, and continues to be, careful to carry out its responsibility to the student as "patient" in that context. In such cases the subpoenaed records have been furnished directly to the clerk of the court from which the subpoena issued, where they would be made available in the presence of the court and opposing counsel, and where the student's rights could be protected by his own lawyer.

In the decade of the 1960's, increased concern over the privacy of personal records was demonstrated on campus and elsewhere. In 1963, and again in 1967, statements of University policy with respect to the release of student records were issued. These policy statements instructed subpoenaed University officials to consult with the University Counsel as to a proper procedure in response to a *subpoena duces tecum*. The point was to assure compliance with any legal obligations on the part of the University with respect to such records.

In recent years, concern for the individual's rights of privacy has become even more pronounced both on and off the campus. At the same time, there has been an increasing tendency for students, faculty and staff alike to become involved in legal proceedings both of a civil and a criminal nature. In some instances, these proceedings involve the University directly as a party to the action or, in a criminal proceeding, as the complaining witness. It will readily be seen that this raises some very complex and sensitive questions involving the legal rights and best interests of the University, the individual whose personnel record is in the University's possession, and the public at large.

In the light of all these developments, it is my recommendation that policies and practices with respect to the subpoena of personal records maintained by the University be reviewed and restated in a more formal manner, for guidance of individuals and, by way of a good-faith response to the Statement of Student Rights and the forthcoming Bill of Rights which will apply to all members of the University community, as well.

I am certain that procedural steps can be instituted which will provide a sense of security to the individual without interfering with the equally important legal process which is necessary to our system of justice. In the very near future, I expect to initiate a series of recommendations toward this end.

## Black Students Seek Improvement In Black News and Entertainment



The Sounds of Blackness

The Sounds of Blackness has been organized by students interested in improving black news and entertainment services on local radio stations. Kendall Minter, a Cornell junior and director of the group, said today.

The organization is an extension of the Black Communicators, organized by Cornell student announcers and technicians at radio station WVBR, to include media personnel from two other Ithaca radio stations, WICB and WTKO.

"Soul" programs in Ithaca date back four years to the Houston Johnson and Cos Snyder shows

on WVBR. The "soul" sounds are now produced by approximately 25 staff workers. The news department, directed by Sheldon Julius and Sandra Black, uses 90 per cent of the well known black journals and papers, as well as Third World Associates, a black news agency.

Minter said the organization is planning several specials and would like to develop a weekly commentary program.

"We are also planning to increase community service announcements like employment opportunity, welfare and food stamp information," Minter said.

### CORNELL CHRONICLE

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# Summary Journal of the Trustees' Meeting

The Cornell University Board of Trustees, at its May 25 meeting, adopted certain recommendations on Trustee-Community Communications. One recommendation was that the agenda for meetings of the full Board and the Executive Committee, in summary form, be released in advance for publication in local news media.

Another Trustee-Community Communications recommendation was that promptly following each meeting of the full Board or Executive Committee, the University President cause to be prepared for public release a journal summarizing actions taken at the meeting on non-confidential matters.

Following is that summary journal for the full Board meeting that concluded Saturday in Ithaca.

(NOTE: This summary journal, as released for publication, does not include confidential items which came before the meetings.)

1. The minutes of the Executive Committee of the Board of Trustees meeting held on September 20 were approved.

2. The President presented a budget report for the year 1971-72 for the endowed colleges at Ithaca, the Medical College and related activities. (Since certification of the budget had not been received from the public accountant by the time of the meeting, the figures will not be released at this time. When certification of the 1971-72 figures has been received, they will be reported publicly.)

3. The President recommended and the Board approved several amendments in the 1972-73 budget for the endowed colleges at Ithaca. The amendments called for a revision of the current budget for the endowed colleges from a deficit estimated at approximately \$1,000,000 when the budget was approved to a current estimate of \$730,000. The President reported that the substantial reduction in the current year's deficit for the endowed colleges at Ithaca was based primarily on income expected to be received from capitalization of the Baldrige bequest and from improved investment and gift results.

4. The President recommended that the rate of per share distribution to be made from the Capital Fund as of June 30, 1973 be set at 17 cents per share.

5. The President recommended and the Board approved acceptance of a grant from the Mellon Foundation to be used in support of the operation of the Cornell University Press. (For details see story on Page 4.)

6. The President reported that the operating budget for 1972-73 of the Cornell University Press had been revised and would reflect income anticipated from the grant by the Mellon Foundation.

7. Board of Trustee Chairman Robert W. Purcell made a report on progress toward separation of Cornell Aeronautical Laboratory from the University. (See story on Page 1 for details.)

8. The President reported on a proposal submitted to the National Science Foundation (NSF) to support the Materials Science Center at Cornell for the period July 1, 1973 through June 30, 1974. (For details see story on Page 10.)

9. The President recommended authorization to design a chilled water plant with an initial capacity of 1,200 tons. (See story on Page 4 for details.)

10. The President recommended and the Board of Trustees approved several amendments in the University Bylaws and Regulations in keeping with the intent of the Board expressed at its meeting of May 25. The amendments in University Bylaws and Trustee Election Regulations empower student members of the University Senate to fill mid-term vacancies among student Trustees elected by the student body of Ithaca when such vacancies arise for reasons other than the lack of voter participation.

11. A report of the Trustee Buildings and Properties Committee was presented to the Executive Committee.

12. The President presented and the Board of Trustees approved several amendments to the University Bylaws establishing a Committee on State Relationships as a standing committee of the Board and provided further that the chairman of that committee become an ex officio member of the Executive Committee.

The Trustees included in the membership of the State Relationships Committee are: Morton Adams, Chairman, Urie Bronfenbrenner, Richard I. Fricke, H. Victor Grohmann, Joseph P. King, E. Howard Molisani, Bruce W. Widger, Jacob Sheinkman and Samuel R. Pierce Jr.

The amendments to the Bylaws stipulated that the

Committee on State Relationships "shall consist of not less than seven nor more than ten elected members, together with the Chairman of the Board and the President of the University as ex officio members. The committee membership shall include at least some trustees having present or past affiliation with the endowed colleges of the University."

A further Bylaw amendment describes the purpose of the Committee on State Relationships as follows: "The function of the Committee on State Relationships shall be to give special consideration to the role and responsibility of the University as the land grant institution for New York State and with respect to the affairs of the four statutory colleges within the University. It is charged with giving continuing attention to the University's relationships with State University of New York and with other departments and agencies of the State. It shall give particular attention to the welfare, development and mission of the statutory colleges as essential components of the University, and shall advise the Executive Committee with respect to the state appropriation requests and annual operating budgets for those colleges. The Committee will advise the Board of Trustees generally with respect to matters pertaining to the statutory colleges and shall report to the Board with respect thereto at least annually."

13. Chairman Purcell reported the names of the Trustees appointed to the Ad Hoc Committee on Trustee-Community Communications and the Board confirmed their appointments. The Trustees named to the Committee are: Charles E. Treman Jr., Chairman, Robert C. Platt, John H. Whitlock, Ezra Cornell and Joseph P. King.

The purpose of the Ad Hoc Committee has been approved by the Executive Committee of the Board at its September meeting. The purpose of the committee, as announced at the time of the conclusion of the September meeting, is: "to approve and regulate appearances before the Board or its committees by representatives of particular groups. This Trustee committee (including one student and one faculty member) shall establish guidelines as to the size of delegations, time limitations, and similar matters, and shall determine the validity and sincerity of each request and whether the subject matter is appropriate to the present jurisdiction of the Board of Trustees or of a particular committee. Such appearances shall be coordinated with the Secretary of the Board."

14. The President recommended and the Board of Trustees approved that the regular fall meeting of the Board in October, 1973 be held on Friday and Saturday, October 19 and 20, as a joint meeting with the Cornell University Council.

15. The President recommended and the Board approved a series of personnel actions.

16. The President presented and the Board approved a recommendation of the Committee on Memorials for naming of a building on the Ithaca campus. (For details see story on Page 4.)

17. A report of construction contracts awarded for the period of August 14 to September 15 was presented to the Executive Committee. (The report covered minor contract awards only.)

18. A report of the proceedings of the meeting on September 12 with the joint administrative board of the New York Hospital-Cornell Medical Center was presented for information.

19. The University Treasurer's annual report was made to the Board. (For details see story on Page 5.)

20. The President recommended and the Board approved several individuals for election as Presidential Councillors. (For details see story on Page 10.)

21. The President recommended and the Board approved the election of a number of individuals as Andrew D. White Professors-at-Large for the period July 1, 1972 through June 30, 1978.

22. The President reported on consolidation of programs in the environmental sciences. (For details see story on page 4.)

23. Professor Edmund T. Cranch led a presentation of the report from the Advisory Committee on Long-Range Financial Planning. Professor Cranch was joined by several of his associates on the committee in a discussion with members of the Board. The Board took

no action on the report or its recommendations.

24. The Executive Committee recommended and the Board approved a policy statement with respect to the reimbursement of expense for attendance at trustee meetings. It should be noted that the policy statement reflects previous practices regarding reimbursement of trustee expenses. The policy statement reads:

1. Members of the Board of Trustees and Trustees Emeritus ("Trustees") may be reimbursed for necessary out-of-pocket expenses incurred in attendance at meetings of the Board, Board committees of which they are members, and committee meetings to which they have been invited by the particular chairman. They will not be reimbursed for expense incurred in attendance at other committee meetings.

2. Administrative officers attending meetings of the Board and/or its committees at the direction of the President may be reimbursed from their own departmental accounts for necessary expense.

3. Persons other than Trustees or administrative officers authorized to attend meetings of the Board and/or its committees may be reimbursed for out-of-pocket expenses at the discretion of the one authorizing such attendance. Generally, such reimbursement will be authorized only when such attendance is at the request of the particular chairman.

4. Requests for reimbursement of expense authorized by this policy statement shall be processed by the Secretary of the Board from the Trustee General Expense Account, except in the case of administrative officers as noted above.

5. Reimbursable expense includes such normal and necessary expense as travel, lodging and meals. It does not include entertainment expense or any expenses of spouses or family members except as specifically authorized. Documentation and receipted bills should be submitted when available. Generally such reimbursement shall be based upon the University's guidelines for faculty and staff travel reimbursement as issued from time to time.

6. Necessary and reasonable out-of-pocket expenses incurred by a Trustee on behalf of the University will support a charitable deduction for individual income tax purposes. For simplicity in processing such deductions, some Trustees may desire to seek reimbursement from the University accompanied by a cash gift to the University in a comparable amount.

7. It should be noted that the University is required to file an informational Form 1099 with Internal Revenue Service with respect to any reimbursements for out-of-pocket expenses which exceed \$600 in one year and for which there has not been an adequate accounting by way of itemization and documentation.

25. The interim report of the Trustee Ad Hoc Committee on the Status of Women and a proposed statement of policy were submitted to the Board. The Board accepted for consideration the report and proposed statement of policy and deferred action until its January, 1973 meeting.

## CAL Discussed

Continued from Page 1

Until the IRS ruling is received, Purcell said it would be difficult to predict further Trustee action in case of a decision adverse to Cornell, "although an adverse decision would certainly influence our course of action."

Calspan is the "tentative name" of the corporation, Purcell said. Laboratory officials said Tuesday that the name was selected because it "connotes the fact that CAL spans the breadth of technology."

Purcell stated that the Board heard a preliminary oral report on the Africana Studies and Research Center. He said he expected a final report within eight to 10 weeks, and that the report would be made public. When the Center was established, the Board called for its establishment for an initial period of three years "with an opportunity for a complete review of the center's progress at the end of two years prior to making a decision concerning the support of the center beyond June 30, 1972."

# Avian Disease Labs Named for Levine

The avian disease research laboratories of the New York State Veterinary College at Cornell University have been named the P. Philip Levine Research Laboratories for Avian Diseases in honor of the man who contributed much to their growth.

The naming of the laboratories

in honor of Levine was approved by the University Board of Trustees at its meeting in Ithaca last week.

The laboratories are housed in a two-story building on Hungerford Hill.

Dr. Levine has been at Cornell since 1934 when he came to the University as an assistant

professor. He was named a professor in 1944 and retired Sept. 30 as professor of avian diseases. He was awarded the title of Professor of Avian Diseases, Emeritus, effective Oct. 1, by the University's Board of Trustees.

Dr. Levine first came to Cornell in 1927 as a graduate student after receiving the bachelor of science degree at City College of New York. He received the doctor of veterinary medicine and master of science degrees at Cornell in 1932.

After working as a wildlife research pathologist with the New York State Conservation Department for two years, he returned to the Veterinary College in 1934 and received the doctor of philosophy degree in 1937. Except for special assignments and a sabbatic leave, he has taught at Cornell since that time.

In 1953 he was cited by the New York State Poultry Council for his efforts in behalf of the poultry industry. Largely through his efforts, a successful immunization program against infectious bronchitis in poultry was developed and instituted in the state. Also, Long Island duck producers, whose birds were

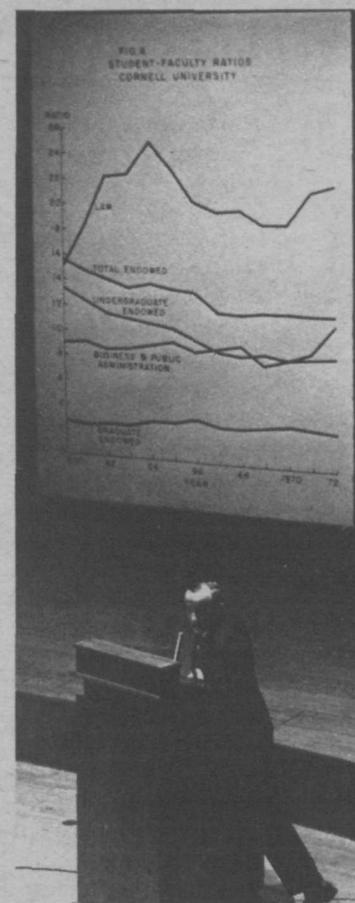
threatened with extermination several years ago due to a difficult disease problem, have been able to maintain their industry mainly because of research work which Dr. Levine and his colleagues conducted.

During the summer of 1960 Dr. Levine gave a series of lectures and studied poultry disease problems in Mexico at the invitation of the Rockefeller Foundation. In 1959 he was guest speaker at the inauguration of the Veterinary Research Institute at Richon-le-Zion, Israel. He spent the 1954-55 year carrying out research at the Oak Ridge (Tenn.) Institute of Nuclear Studies.

He was named head of the Veterinary College's Department of Avian Diseases when it was established in 1961 and served in that capacity until July, 1966.

Dr. Levine was instrumental in the establishment of the journal, Avian Diseases, serving as editor from its beginning in 1957 until 1960. He also was editor of the Cornell Veterinarian from 1942 to 1946 and is the author of more than 100 research articles in professional journals.

He is a member of numerous scientific and honorary organizations.



**REPORTS ON PLAN** — Edmund T. Cranch, associate dean of the College of Engineering, leans on lectern as he makes a point during presentation of a long-range planning program to a combined meeting of the Board of Trustees and Cornell University Council.

## 43 Freshmen to Compete For University Senate Seats

Forty-three Cornell University freshmen will compete for 10 University Senate seats during the 1972 freshman elections to be held Oct. 26, according to Kay R. Hanna, administrator of the senate secretariat.

The number of candidates is up about 40 per cent from last year, when 31 persons were nominated, she said.

Ms. Hanna said information sheets on the candidates will be placed in all freshmen mailboxes early next week (Oct. 16-21). Off-campus and Ecology House students also will receive their candidate information sheets and their ballots in the mail next week. All other freshmen will vote at their dormitories on Oct. 26. Polling locations and hours are to be announced, Ms. Hanna said.

The candidates are: Leah J. Sears, John M. Jeffrey, Gerald B.

Grunwald, Mark Slivka, Gary H. McKible, Richard S. Browde, Frederick C. Schlauch, Carol Arduini, Raphael Bojarczuk, Richard Delello, Steven Hertzog, Garry R. Pioch, David Stromberg, Richard C. Grinter, Peter A. Gold, Joseph Diamante, W. Bruce Stewart, Victor Talmade, Bruce D. Behounek, Robert Harrison, Charles Honart, David A. Barbour, David E. Fleming, Cynthia D. Morrow, Michael A. Benjamin, Andreae Behlen, Sharon Friedrich, Roland F. Young III, Joseph R. Lupica, Daniel Kahn, Brian Corringham, Jeffrey R. Zilka, Rena B. Natansohn, Steven L. Sugarman, Jerrold Newman, Nelson M. Freeman, Robert Schramm, Candace C. Carponter (cq), Philip Cunningham, Gaston R. Cloutier, Ann W. Barnes, Thomas Barto and Nanette Wiser.

## More Chilled Water Needed

The Cornell University Board of Trustees has authorized the design of a chilled water plant that is needed to relieve a significant overload problem that has developed in the existing central facility. The board last week appropriated \$25,000 to finance design costs of the project, which has a preliminary total budget of \$950,000.

A study earlier this year by Lehr Associates of New York City, engineering consultants, recommended construction of a new plant adjacent to the central heating plant on Dryden Rd. The firm said the new facility should be able to accommodate 2,400 tons chiller capacity, but initially

equipped with 1,200 tons chiller equipment.

The study found that more than half of the proposed initial capacity would be required to correct the overload which has developed in the past year on the present plant. The remaining new capacity would be required to support scientific equipment cooling requirements and a slight increase in air conditioned areas planned for the next few years.

Cornell's Department of Buildings and Properties will be responsible for designing the project, working with the Office of University Planning and Lehr Associates.

## Environment Programs Will Expand

Programs in the environmental sciences at Cornell University will be expanded and enhanced under the University's Center for Environmental Quality Management.

Cornell President Dale R. Corson reported the change at a meeting of the Executive Committee of the University's Board of Trustees last Thursday.

The programs involved include those in the center, the Water Resources and Marine Sciences Center, the Program of Environmental Studies of the New York State College of Agriculture and Life Sciences and other University programs such as the Project on National Energy Needs and Environmental Quality.

While each unit will retain its program identity, they will be consolidated under the Center for Environmental Quality Management, under the direction of Walter R. Lynn, and will have a single governing board, headed by W. Keith Kennedy, dean of the College of Agriculture and Life Sciences. Lynn currently is director of the School of Civil and Environmental Engineering and professor of environmental engineering as well as head of the center.

The consolidation was effected because it was felt that research in the environmental areas is enhanced by the interaction of scholars from the various disciplines working together.

## Allen Award to Be Given To Cruickshank Saturday

Cornell University's Laboratory of Ornithology will present the sixth Arthur A. Allen Award to Allan D. Cruickshank, bird photographer, teacher, lecturer and writer, at a dinner Saturday at the Statler Inn.

More than 100 conservationists and ornithologists are expected to

attend the dinner honoring Cruickshank for his contribution to ornithology.

Established in 1966, the award is in the form of a medal. It honors the memory of Arthur A. Allen, famed ornithologist and teacher at Cornell for nearly half a century.

... \$100,000 ...

## Press Gets Mellon Gift

Cornell University has received a \$100,000 grant from the Andrew W. Mellon Foundation of New York City to help support Cornell University Press in making a special effort to publish the works of scholars in the humanities and related social sciences.

The Cornell Board of Trustees formally accepted the grant at its meeting here last week. Provost Robert A. Plane explained the funds are to be used over a three to five-year period.

The foundation asked, Plane said, "that special efforts be made to aid young scholars in publishing first or second books.

"The Mellon Foundation's gift," he said, "comes at a particularly crucial time for Cornell's press as well as other university presses. We are grateful to the foundation for its timely support."

Roger Howley, University publisher and director of Cornell University Press, said, "It is expected that the Press will benefit to the extent of about \$75,000 of the gift during the next five years as it sells the books aided by the gift. The remaining \$25,000 may not be realized for another 10 to 15 years when all the books are eventually sold."

The \$100,000 gift is part of nearly \$5 million in grants awarded by the foundation this month to 24 university presses and six independent research libraries.

According to the foundation, "the new grants to the presses — varying in amount from \$40,000 to \$150,000, depending upon the size and scope of operation — were made to enable them to increase the number of scholarly works they will be able to publish over the next several years by providing a source of funds for the subsidies such publications require."

The Andrew W. Mellon Foundation was founded by Ailsa Mellon Bruce and Paul Mellon, children of Andrew W. Mellon, Secretary of the Treasury from 1921 to 1932.

## United Fund Report

During the first week of the United Fund campaign, the Cornell Division raised \$64,910, or 33 per cent of its goal of \$195,000. Three of Cornell's 21 divisions passed the 50 per cent mark, according to Gene H. Oberly, Cornell chairman.

The best results came from Division 17 under the leadership of David Luddington, which raised 67 per cent of last year's dollar total for the division. The division includes Agricultural Engineering, Animal Science, Poultry and Poultry Science, Natural Resources, Ornithology and Food Service. The two other divisions exceeding 50 per cent are headed by Robert M. Chase (Division 8) and A. R. Payne (Division 3).

Three outstanding teams within the various divisions were Personnel under Diedrich K. Willers, with 107 per cent of last year's dollar figure raised to date. Aerospace Engineering under Alice A. Anthony was at 104 per cent and Microbiology under Mary Gregg was at 117 per cent. Another 26 teams were at 50 per cent or more of last year's total figures.

# Uris Hall Formally Dedicated

The Uris Brothers Foundation of New York City has pledged \$1 million to Cornell University to be applied toward maintenance and operation of Uris Hall, the University's new social sciences building.

The \$8.25 million building, named in honor of University Trustee Harold D. Uris, a 1925 Cornell graduate, and his late brother, Percy, was dedicated last Friday.

University President Dale R. Corson announced the latest gift to higher education by the Uris brothers at a joint meeting of the University Board of Trustees and the Cornell University Council, an alumni leadership group, earlier that day in Alice Statler Auditorium.

The \$1 million gift announced today brings to \$3 million the total gifts the Uris brothers, founders of the Uris Building Corporation of New York City, have given toward construction and maintenance of the social sciences facility. In 1968, they gave Cornell \$2 million toward construction of the building. Percy died in 1971.

Long-time benefactors of higher education, the Uris

brothers have given more than \$10 million over the years to Cornell, Harold's alma mater, and to Columbia University, Percy's alma mater.

The undergraduate library at Cornell bears their name as does the hall at Columbia which houses the Graduate School of Business. Percy, who graduated from Columbia in 1920, served as a trustee at Columbia.

At dedication ceremonies in the 428-seat Uris Hall auditorium, Harold Uris presented the new social sciences facility to the University.

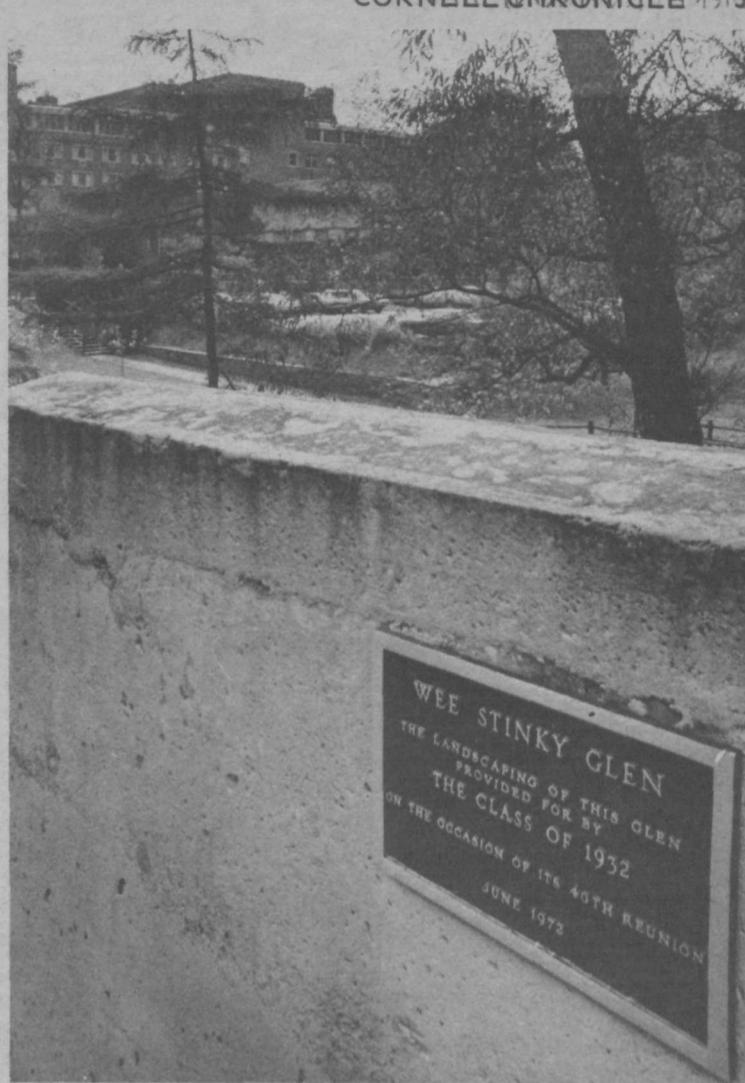
Uris called Cornell "an old, old friend" and said he is "very optimistic about the future of universities and especially Cornell. Anything I or my brother have done for Cornell has been a source of great satisfaction to us and I consider it an investment in the future of our country." He said he hoped the new building would "continue to contribute to the good teaching, to persistent and effective learning, and that it may help those who are as fortunate as I have been to be a part of Cornell."

Robert W. Purcell, chairman of the University board, accepted

on behalf of the University. Purcell acknowledged that Uris Hall was made possible by the gift of the two brothers and that the naming of the building was "in grateful recognition of their leadership and deep concern for the advancement of higher education."

Corson also spoke: "This latest gift," he said, "reflects not only the deep concern of Trustee Uris for higher education, but also his understanding of the less glamorous but absolutely necessary aspects of achieving high quality education at Cornell."

The concluding speaker at the dedication ceremonies was Alfred E. Kahn, an economist and dean of the College of Arts and Sciences. He said, "I'm particularly delighted to find that the students have already given the building a name. They've christened it 'Old Rusty.' I'm delighted for two reasons: First of all, I think that's an affectionate designation. And secondly, that characterization has always seemed to me not a bad one for Harold Uris." Uris has red hair.



## It's Official: 'Wee Stinky'

A small bronze plaque was installed Friday, Oct. 13, on the Campus Store's east staircase to commemorate the Class of 1932's 40th reunion gift to the University for planting and landscaping on the campus. Robert W. Purcell, chairman of the Board of Trustees, is president of the class.

The gift, part of the Campus Beautification project, was made to relandscape Wee Stinky Glen south of Day Hall, after construction of the Campus Store and Uris Hall.

Plantings include tulip, larch, red oak and Austrian pine trees, as well as forsythia, myrtle and shadblow.

The Glen derives its name from a small stream running through the glen, which seems to originate from under East Ave. and disappear beneath Central Avenue. Peter A. Dykeman, a graduate assistant for the Cornell Plantations last year, stated the origin of the stream's lowly name is unknown but not unwarranted: "It's upper end is obliterated, its middle is fouled with all sorts of

Cornell effluents, and its lower portion is rudely diverted into an ugly grey pipe. Even its name has been erased from memory, replaced, for those who name it at all, by the pathetic Wee Stinky."

## Sage Notes

Students are reminded that they should drop or add courses from credit to audit or vice versa by November 10. The deadline for submitting theses this degree period is January 5, 1973, and the thesis should have the conferral date on the title page as January, 1973.

A wide variety of fellowships and grants are available from the Social Science Research Council at both the predoctoral and postdoctoral level. Predoctoral fellowships having early deadlines are: Africa and the Near East, Nov. 13; East, South, and Southeast Asia, Nov. 6; and Western Europe, Nov. 20. Inquiries should be addressed to Foreign Area Fellowship Program, 110 East 59 Street, New York, New York 10022. General inquiries for the wide variety of other possibilities should be addressed to: Social Science Research Council,

Fellowships and Grants, 230 Park Ave., New York, New York 10017.

The National Research Council announces a program of Postdoctoral Research Associateships for 1973 tenable in federal laboratories. Request for application material, which must specify the federal organization of interest, should be sent to Associateship Office JH606, National Research Council, 2101 Constitution Avenue, Washington, D.C. 20418. Inquiries must be received by January 5, and applications by January 15.

There will be a meeting of the Graduate Faculty on Friday, October 27, at 4:30 p.m. in Kaufmann Auditorium. Members of the Graduate Faculty should have received a call to the meeting by campus mail.

## Treasurer Gives Report

# 'Good Year' for Investments

The 1971-72 fiscal year was "a good year" for Cornell University investment funds, according to university treasurer Lewis H. Durland.

Durland delineated the position of University investments as the major portion of his annual report to the University Board of Trustees.

The University treasurer, according to the University by-laws, administers and manages the University's investments under the supervision of the Trustee Investment Committee. He is charged with reporting to that committee as well as to the Trustee Executive Committee and the full board on investment matters. On matters other than management of the University investment portfolio, the by-laws state that the treasurer report to the University President.

The Durland report was presented to the trustees during three days of meetings which concluded in Ithaca last Saturday.

Addressing himself to the Capital Fund, predominantly a common stock fund with emphasis on consistent long-term growth, Durland reported that when the Capital Fund was established in 1968, "it was the hope of the initiators that by breaking away from the conventional trust investment emphasis on dividends or interest, we could point a fund toward growth that would out-perform the total yield of the balanced fund." At the end of fiscal 1972, he said, "the Capital Fund had not only met that expectation, but also begins the new fiscal year in better shape than ever before."

The Endowment Fund, which is a balanced fund, was beset by the problem common to all balanced funds in fiscal 1972, Durland said. However, he added, that in spite of this problem (orientation toward low multiple and high dividend yielding stocks due to the high income requirement), the Cornell Endowment Fund "can report a good year as the unit value appreciated 5% from 2.20 to 2.31. "We fared better than the Dow Jones gain of 4.25%," Durland said, "and we improved our relative performance to the 'selected balanced funds,' but we were keenly disappointed in the lack of appreciation in several important groups — notably oils, utilities, cyclicals and banks."

Each share of the Capital Fund, Durland

reported, was "worth 21% more at the end of the year than it was at the beginning, and each share received a distribution 9% higher than it received the previous (fiscal) year."

Durland delineated for the board the Capital Fund's progress by showing that on June 30, 1971 the total market value of the fund was \$92.7 million with a per share value of \$2.15. On June 30, 1972, before distribution, the Capital Fund was worth \$115.2 million and the per share value was \$2.60.

The highest concentration of investment in the Capital Fund, Durland said, was in the health and personal care fields. He called this concentration "an obvious endorsement of the growth characteristics of this segment of the economy." The five largest individual Capital Fund holdings are 121,556 shares of Eli Lilly valued at \$8.1 million; 14,500 share of International Business Machine (IBM) with a value of \$5.7 million; 85,000 shares of Anheuser Busch at \$5.5 million; 40,000 share of Eastman Kodak at \$5.3 million; and 37,500 shares of Carnation Co. with a value of \$5 million.

Durland also graphically demonstrated for the trustees the progress of the Endowment Fund. It moved from fifth to fourth place among nine selected balanced funds on long-term comparison and from ninth to fourth place for the 12-month term. "In terms of income performance, moreover, we rank number two with income per unit of 22.5% since fiscal 1969 versus declines for five funds and nominal increases for two funds," Durland said.

The Durland report was produced from subreports by various personnel of the Office of the University Treasurer. These included an economic review by George E. Shea, investment officer; a Capital Fund profile by Robert T. Horn, associate treasurer, and a discussion of the Endowment Fund by James A. Sanderson, senior investment officer. Richard B. King, investment officer, reported on bonds, cash management and stock loans. Robert E. Terwilligar, who retired recently after long service with the University, discussed real estate, mortgages, and separately invested funds. Student accounts and loans, and cashiers' operations were reported by Ralph A. Miller, assistant treasurer.

# Text of Corson Speech to Trustees

Ordinarily when I speak to this joint session of Council and Board of Trustees, I concentrate on the current status of the University and on its short-range future. I will follow that same pattern today, but only briefly. Mostly, I will talk to you about the long-range prospects for Cornell. This year, 1972-73, should be a milestone in the history of the University. I hope that it will be a year of decision, a year in which the basic directions of the University over the next decade will be charted.

As far as campus atmosphere is concerned, this appears to be a good year. The students, as always are able and give every indication of being here to study and to learn. I can't predict what issues will develop during the year, but I hope that the governance mechanisms, such as the Senate and the Ombudsman's Office, which have been put in place over the last several years will be able to cope with problems which do arise.

Before discussing Cornell's situation I would like to comment on the general condition of higher education in New York State and on the prospects for federal assistance. These considerations are important because they will determine to a substantial degree the climate within which Cornell must operate and plan for the future.

Public support for higher education in New York State, in all its aspects, is in trouble. This includes support for State University and City University as well as for the private institutions. State University and City University have undergone phenomenal development and made almost unbelievable achievements during the past decade. They now teach about half the four-year college students and about 30% of the graduate and professional students in the State. They are still growing rapidly, and have major requirements for new programs and new capital facilities, but they are operating on essentially standstill budgets. The cost per student in State University today is the same as it was in 1968, four years of inflation having been absorbed through reduction in operating costs. New York State spends about \$750 million per year on higher education, more than any other state in the Union, yet it stands 47th insofar as the fraction of total tax dollars going into higher education is concerned.

Of the \$750 million, about \$100 million goes to the support of private institutions or to students attending private institutions. This large sum, which makes New York State a leader in support of private higher education, is spent through Regents Scholarship aid, through Student Incentive Programs, through aid to health professional schools, and through the so-called Bundy Program, where some \$30 million a year go to the private colleges and universities through grants awarded on the basis of the number of degrees awarded.

These funds, available for support of private institutions, have also been relatively constant and, as with our colleagues at SUNY and CUNY, their effectiveness is being eroded by rising costs. Nor are there any signs that the State's fiscal crisis will ease. As a result, a competition between the public and private sectors for a larger piece of the State's basically static budget for higher education has been developing.

This year there have been extensive discussions between the private and the public higher educational groups in the State, together with the State Education Department, trying to agree on a joint program which could be presented to the people of the State and to the Legislature. The prospects for any detailed agreement are not bright at the present time, with the priorities in one sector being, in many cases, substantially different from the priorities in the other sector.

Nor can we expect any quick relief from federal programs. The federal government has undertaken new initiatives in the higher education area, through the amendments to the Higher Education Act which were passed last spring. For the first time, federal authorization provides for both student support, in an amount substantially greater than ever before authorized, and for institutional aid at the same time. This is an important step in terms of the concept involved but so far there has been no funding of these amendments and the prospects for any substantial funding in the near future appear dim.

Although greatly increased public support for private higher education is not likely soon, it seems inevitable that there will be future increases. Two concepts, however, loom ever larger on this horizon. These are the concepts of "accountability" and of "public mission." These concerns have been stated repeatedly and effectively by State Education Commissioner Nyquist, who is one of our Trustees, incidentally. President Harlan Cleveland of the University of Hawaii stated the problem recently when he said: "In an egalitarian society, if members of the academy presume to raise questions about international and national and local decisions, which as citizens they do and should, the international and national and local decision-makers will naturally raise questions about how professors work and students live. Those who want the protection of a monastery have to act like monks. On a relevant campus, there's no hiding place down here."

Private institutions cannot hope to spend public funds without rendering an adequate accounting of how those funds are spent, and no one expects to do otherwise. Concern does arise, however, when accountability is coupled with the concept of "public mission," which raises questions of eligibility for public funds.

This concept proposes that to qualify for public funds, private institutions may be required to meet public priorities and goals

selected by the state or federal governments. For example, part of the public mission is to provide educational opportunities for more students than have ever been accommodated previously. Few will oppose that notion but should a private institution accept its share of the enrollment growth projected over the next decade — a growth in New York State estimated at 38 percent by 1980 — in order to meet the public mission, should it therefore be eligible for public funds? Cornell has more academic and student service space per student than any other institution in the State. In order to meet the public mission, must we increase our space utilization through the addition of more students until our utilization is the same as the State average? Should we put more students into our libraries, into our classrooms, into our laboratories, into our student unions — where we think our student-teacher ratio, our outstanding laboratory and library facilities represent a degree of quality which we must not lose? As the concept of open admissions has grown, particularly in City University, which incidentally has done an outstanding job with its open admissions policy, do private institutions of the State wonder if they will be forced to follow suit in order to qualify for State support, and then abandon their traditional admissions standards in order to satisfy the public mission.

I cannot predict the extent of such pressures on us during the coming decade. It is conceivable that if we insist on setting our own standards and turning our backs on the public mission goals, we will be sacrificing public funds in one way or another. I hope that the total higher educational community can find a single solution to the higher educational problems of the State. I am spending considerable time helping to develop such a solution but, whatever the outcome, I am determined to maintain Cornell as the outstanding University it has always been.

Let me turn now to our own financial situation. Final figures for the past year are now available, although we do not yet have the auditor's certification, so the figures are still tentative. Our tentative deficit for the year was \$1.2 million, a substantial reduction from the \$1.8 million which we budgeted at the beginning of the year. For the current year we have budgeted a \$1.1 million deficit for the endowed units in Ithaca, and expect to improve substantially on this estimate by the end of the year. We will already be reporting a reduction in our estimated deficit — down to \$730,000 — in our report to Trustees this afternoon. One of the principal reasons for this reduction has been the receipt of a \$6 million gift which will begin to be available to us during the current year.

Next January we will present our Trustees with a budget for 1973-74. It will be a breakeven budget, placing us on target in terms of the three-year deficit elimination plan which Trustees adopted two years ago.

Achievement of these objectives has been possible through the complete cooperation of the faculty and staff in making budget cuts and the other adjustments which were essential to reach the breakeven objective.

At the same time that we have made cuts in our expenditures we have also increased income. Tuition and fees have increased at a rate which is greater than I think we can sustain indefinitely. Gifts from alumni and from other sources have exceeded any level we had any right to expect and I would like to publicly express my appreciation to those of you and to thousands of others who have brought this happy state to pass. We have also had unusually good results from our endowment fund and you may have read the story about university endowment management practices in the Sunday New York Times on September 24. Treasurer Durland and his staff were singled out for special praise in that article.

I would like to tell you that the financial situation in the statutory colleges is a happy one, but I cannot. The statutory colleges are those which derive their basic support from the State of New York, namely, Agriculture and Life Sciences, Veterinary Medicine, Human Ecology and Industrial and Labor Relations. These colleges have been under serious budget restrictions for the last several years and they face a particularly difficult problem at the present time. Since they are also part of the State University of New York, they share the fiscal plight which faces the State University. That plight is a serious one and even though our working relationship with State University is good, their problems carry over to us.

The four statutory colleges have been subject to what appear as indiscriminate budget cuts by the State University budget office, and in particular by the State budget office. Budget cuts have been particularly heavy in the areas that are unique to our colleges, namely, the research and extension areas. Where these areas is mandated in the legislation which established the colleges, mandates which distinguish our colleges from other State University units. The same formula budget

## In Panel Discussions

### National Election to Be Examined

Four panel discussions, two before and two after the Presidential election, have been scheduled under the sponsorship of the John L. Senior Professorship of American Institutions and the Department of Government.

Open to the public, the discussions will cover the overall theme "The Presidency and the Impact of this Critical Election On It."

The first panel will deal with the topic "The Campaign, the War and America's Place in the World." It is scheduled for 8 p.m. Tuesday (Oct. 24) in the Memorial Room of Willard Straight Hall. The panelists will be Richard Rosecrance, the Walter S. Carpenter Jr. Professor of International and Comparative Politics; George McT. Kahin, the Aaron Binenkorb Professor of International Studies; Walter S. LaFeber, the Marie Underhill Noll Professor of American History, and Theodore J. Lowi, the John L. Senior Professor of American Institutions, who will take part in all the panels.

The next panel discussion is scheduled for Tuesday, Oct. 31 at 8 p.m., also in the Memorial Room, on the theme "The Presidency, the Election, and the Issues." On the panel, in addition to Lowi, will be James E. Turner, director of Cornell's Africana Studies and Research Center; Franklin A. Long, director of Cornell's Program on Science, Technology and Society and the Henry K. Luce

Professor of Science and Society, and William Mitchell, a visiting professor from the University of Oregon and a specialist in American national public policy.

The first of the two post-election panels is scheduled for Wednesday, Nov. 8, at 8 p.m. in Anabel Taylor Auditorium. The theme will be "Presidency '72: What Happened?"

On this panel with Lowi will be Robert Weissberg, assistant professor of government; Anne H. Bedlington, instructor in government, and Douglas Van Houweling, assistant professor of government.

The final panel will be on the theme "Presidency '72: Retrospect and Prospects" and is scheduled for Tuesday, Nov. 14, at 8 p.m. in the Memorial Room. With Lowi on this panel will be George H. Quester, acting chairman of the government department at Cornell and Joel Silbey, professor of American history. The featured speaker on this panel will be Walter Dean Burnham, professor of political science at Massachusetts Institute of Technology (MIT). Burnham is a nationally recognized expert on the history of Presidential elections. The Cornell panelists, will attempt, with Burnham, to bring all the issues and outcomes of 1972 to bear on the future of presidential capacity and performance.

# and Council

## Year of Decision: 1972-1973

Continued from Page 1

practices, however, used with other State University units — which do not have similar mandates — are applied to our colleges. The result has been a heavy impact on both the research and the public service programs of these colleges, and the people of New York whom these public service programs are designed to serve are, in the long run, the real losers.

The budgetary problems of our statutory colleges are a particular concern of the Trustee committee on State Relations, a committee which we are asking the Board of Trustees to make a standing committee of the Board. This committee, which follows on the work of a temporary committee last year, will seek resolution of these problems and others. To assist the State Relations committee, I have designated Vice Provost Risley to work along with Controller Peterson, Provost Plane and myself, in concentrated effort toward resolution of these State-related problems.

Turning once more to our immediate problem, the elimination of our endowed deficit, I believe that we have been able to achieve our goals without permanent damage to the University, but we have paid a substantial price. Deficit considerations have forced us to hold back on salary increases, a practice we cannot continue indefinitely. We have cut back on maintenance of our physical facilities to a dangerous degree and now we are faced with a backlog of deferred maintenance which cannot be endured much longer. We have increased student financial aid at a slower rate than we have increased tuition. We have limited funds for new academic programs, programs which are essential if we are to maintain our role as an educational leader.

All this points to the fact that the most difficult days are ahead of us. We have made progress during the three-year budget balancing program by making substantial cuts in programs. By 1973-74 the cuts will total 15% in administrative programs and 10% in academic programs. Obviously, we cannot continue this practice indefinitely. We must find a stable operating mode which will permit us to move ahead but without returning to a deficit operation.

As we seek the stable operating mode, there is one overriding factor which hangs over us like a dark cloud. This is the inflation rate, a rate which has been higher in the education industry than in the economy generally. It is this high inflation rate which brought us to our difficulty in the first place. It is this inflation rate which, to a large degree, has brought the public, from parents to legislators, almost to the point of revolt, as far as increased support for higher education is concerned. Yet, the inflation rate is almost impossible to curb.

To curb the inflation rate within higher education would require that we restrict our cost increases to a level equal to the inflation rate in the general economy, a simple concept but one that is almost impossible to achieve in practice. It would mean, for example, that we could add no new programs in such areas as the biological sciences or environmental quality management, without large scale deletions of existing programs. It would mean no further expansion of student services such as we have seen in the student health field over the past decade. It would mean no real increase in faculty or staff salary scales. In fact, it would probably mean an actual reduction in our support levels for such items because of new programs mandated by the federal or state governments over which we have no control. For example, we face constantly rising costs in programs required by the Fair Labor Standards Act and the Unemployment Insurance Act.

It is the inability to absorb these new programs and these increased costs within a stable cost structure which leads to cries for increased productivity in higher education. Those demanding increased productivity, however, fail to recognize that it is impossible to achieve higher productivity in higher education if we are to maintain our present concept of what constitutes quality. The interaction of the teacher with his students is, always has been, and will continue to be the critical element in quality education. An illuminating comment was made recently by Sir Eric Ashby, the Master of Clare College, Cambridge, who, incidentally, has long been a good friend of Cornell. He said, "despite all our advances in technology it still takes three man-hours to play a 45-minute Schubert quartet. Technology enables more people to hear the quartet; but technology never will improve the productivity of the performers."

All these problems, all these pressures, and all the difficult choices we must make point to the need for planning at a level and at a degree of sophistication that we have never known before at Cornell. It must include academic planning, financial

trustee, through the Uris Brothers Fund, is pledging a gift of \$1 million to the University to endow the operation and maintenance of Uris Hall.

Following his illustrated presentation, Cranch joined seven members of his committee and answered questions from the audience.

In reply to a question, Ronald M. Loomis, director of University Unions, said housing for 2,000 extra students recommended in the report may come in any of three ways. First, he said, it might be possible to build added dormitories without some of the "levels of financial problems as the North Campus complex." He added that the dormitories might be contracted for construction through outside sources or that housing units might be expanded by "Ithaca sources."

Alfred E. Kahn, dean of the College of Arts and Sciences, labeled as an "incredible, violent caricature of what's happening" the notion which he said one gets from "loose conversation" that small classes at the University are to be abolished.

Wayne Merkelson, an Arts and Science College student, said he had discussed with Gary A. Lee, director of Scholarships and Financial Aids, the possibility of having students take over jobs now performed by "neighborhood people." He quoted Lee as saying "we owe some consideration to the community" and that student-type jobs are already "saturated."

planning, facilities planning, and every other type of planning. To get us started in this direction, in early 1971 I appointed an Advisory Committee on Financial Planning, a committee of faculty, staff and students, under the chairmanship of Professor Edmund T. Cranch of the Engineering College.

You have the report of the committee and in a few minutes, Professor Cranch will outline the analysis and recommendations in his report. The committee has worked long and diligently, and as a result of its work we are well on our way toward mapping out a path for Cornell to follow during the remainder of this decade.

To underscore the need for long-range planning, let me describe some economic projections of past practices. During the last few months, while the advisory committee has been working, the administration has been developing a new mathematical modeling capability by which the results of variations in some 500 input quantities can be studied — input quantities such as number of students, tuition rates, maintenance expense policy, size of faculty, etc. This capability will be ready to take the committee recommendations and any others which are proposed and study the long-range implications. Using this tool we have looked backward and asked ourselves what would have happened had we continued to operate with the same enrollment growth, the same faculty-student ratio, the same growth in instructional and administrative expense, the same student financial aid policies which prevailed up to 1970-71. Had we continued in that fashion, by 1980 our annual deficit would have been \$55

In response to a question directed at Loomis, William D. Gurowitz, vice president for campus affairs, said efforts to have private builders "carry the ball" on dwellings have not worked out well.

David L. Call, the H. Edward Babcock Professor of Food Economics, said in answer to a query that a plan originated at Dartmouth College to have four-quarter academic years has not been fully explored. He said this planning is the responsibility of the University Senate.

Call also said that the recommendation for a 2,000 increase in enrollment was made reluctantly but that with planned growth, it would not be too difficult to assimilate that many students. He added, however, that there is no question that traffic will be a problem.

Donald F. Holcomb, chairman of the Department of Physics, pointed out that the recommended 2,000 increase is half the rate of growth that took place in the past 10 years. He agreed that, properly planned for, the increase would pose no insurmountable problems.

A suggestion that five per cent of the faculty "teach at other colleges" to save \$1.5 million and to decrease support loads received no support from members of the panel. It was rejected as not feasible.

Felix E. Spurney, a Cornell Council member from Kensington, Md., sparked a standing ovation for the panelists and other committee members when he said the University owes them a debt of gratitude for "a job well done."

million, our ten-year cumulative deficit would have been \$250 million and our Capital Fund would have been wiped out.

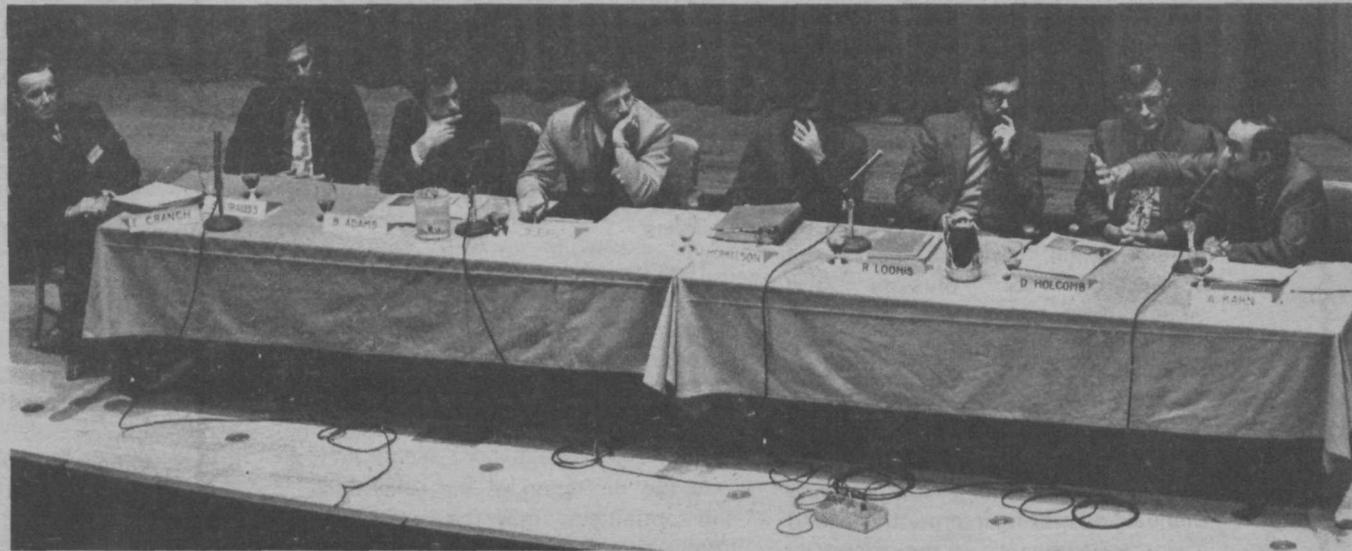
It is also interesting to ask what will happen if we continue our present practice, following those policies which have prevailed during this three-year period. Our mathematical model shows a slight surplus for a couple of years but then relapse into deficit operation with an annual deficit of \$2 million by 1980.

So you can see that there is a great deal of careful planning to do.

During this weekend you will have an opportunity to discuss the Advisory Committee report and to comment on it. That opportunity will continue to be available to you anytime between now and next May. The report has been referred to the Faculty and to the University Senate for study, for comment, and for advice. It has also been referred to the academic deans for their study and comment from college points of view. Through the Cornell Council we hope to obtain alumni response to the report. Provost Plane and I, together with our administrative colleagues, will coordinate the inputs from all elements of the campus, from the alumni, and from all other appropriate sources. I propose that the discourse continue throughout the year, at the end of which I hope to present a plan representing a reasoned assessment of all community inputs to the Trustees for their consideration.

In summary, 1972-73 will be a year for self-analysis and for decision at Cornell. Our object is to keep Cornell one of the world's leading universities.

### Clarifying Cranch



**MAKING A POINT** — Alfred E. Kahn (far right), dean of the College of Arts and Sciences, gestures to stress a point during discussion of report of the Advisory Committee on Long Range Financial Planning. Members of the committee who answered questions during a combined meeting of the Board of Trustees and the Cornell University Council are (from left) Edmund T. Cranch, associate dean of the College of Engineering and chairman of the committee; Stanley A. Strauss, a graduate student; Barry B. Adams, chairman of the Department of English; David L. Call, the H. Edward Babcock Professor of Food Economics; Wayne P. Merkelson, a student; Ronald N. Loomis, director of University Unions, and Donald F. Holcomb, chairman of the Department of Physics.

# Bulletin of the Faculty

(Publication of this Bulletin is supervised by the Secretary of the University Faculty Robert M. Cotts, 315 Day Hall, 256-4843).

## Faculty Response to Cranch Committee Report

The Executive Committee of the Faculty Council of Representatives (FCR) met yesterday, October 18, and formulated the basic procedure which the FCR would follow in developing a Faculty response to the Cranch Committee Report. The response will be primarily, but not entirely, directed toward the 17 recommendations made by the Cranch Committee.

The Dean of the Faculty will, in consultation with the Executive Committee, assign each of the 17 recommendations to one of the standing Committees of the FCR for study.

As soon as is practicable, there will be a special informational meeting of the FCR to which principals of the Cranch Committee will be invited and at which any University Faculty member may ask questions about the Cranch study. It is expected that this special meeting will be structured to provide maximum opportunity for exchange of information. No motions will be made and no votes will be taken.

Furthermore, the standing committees of the FCR will conduct hearings at which faculty members may express themselves on the various recommendations of the Cranch Committee Report and on the Report as a whole.

Upon completion of Committee studies, the committees will report to the FCR. Finally a review and synthesis of the committee reports will be prepared by the Executive Committee as a final proposed response. This final response will then be presented to the full FCR at an FCR meeting which the full faculty will be encouraged to attend.

The Executive Committee urges any academic unit or individual faculty member desiring to make a statement on the Cranch Committee recommendations to submit the statement directly to Dean of the Faculty Norman Penney, 315 Day Hall. Such statements will be forwarded to the appropriate committees for consideration.

## New Committee on Academic Records and Instruction Established

At its regular October meeting, October 11, the Faculty Council of Representatives enacted legislation establishing a new Committee on Academic Records and Instruction. This new committee replaces two committees on Registration and Schedules and on Requirements for Graduation. The committee functions and membership are described in the legislation which follows:

The Committee shall assume the functions of the Committee on Registration and Schedules and the Committee on Requirements for Graduation, which are to be discontinued.

Accordingly, it shall be the responsibility of this Committee:

1. to review the procedures for preregistration, registration, and scheduling for classes and examinations, and
2. to act upon requests for variations of requirements for graduation which are prescribed by University Faculty legislation, and
3. to administer the grading system (including maintaining the Grading Manual and making interpretations and minor adjustments) as prescribed by University Faculty legislation and to make recommendations for changes in

the grading system, and

4. to advise the Registrar on the maintenance and reporting of academic records.

Recommendations of the Committee which have academic policy implications shall be made to the Academic Programs and Policies Committee and to the Dean of the Faculty.

The Committee shall consist of: the Registrar, ex officio; the Dean of the University Faculty, ex officio; the Secretary of the Faculty, ex officio; and members appointed by the President, in consultation with the Dean for terms of not more than four years so as to give representation to the University Faculty and the several schools and colleges.

The Chairman of the Committee shall be elected by the Committee from among the members of the Committee who are also members of the University Faculty. The Secretary of the Committee shall be the Registrar or his designee.

At the discretion of the Chairman, sub-committees may be appointed from Committee members or from other members of the University Faculty.

## Cornell Economist Develops Monthly Econometric Model

A Cornell University economist Friday announced the development of the first *monthly* econometric model for predicting the condition of the nation's economy on a monthly basis for as much as one year in advance.

Using his model, Ta-Chung Liu, the Goldwin Smith Professor of Economics and chairman of the Department of Economics, forecasts, for example, the nation's annual rate of gross national product (GNP) for June, 1973 at \$1,219 billion (an annual rate) as compared to the most recent available actual figure of \$1,139.4 billion for the

Psychology, discussed, "How We Read."

Liu made the predictions by feeding various statistics into a computer programmed with more than 100 complex equations he has developed over the past years. His project was first supported by the National Science Foundation.

The forecasts were given as examples of his system which will be placed into full operation at the end of January, 1973. At first, the system will provide figures for more than 50 different important variables, later more, of the nation's economy. These



*THE SOCIAL SCIENCES* — During the Uris Hall dedication a panel discusses new developments in the social sciences. Speaking is Robin M. Williams Jr., the Henry Scarborough Professor of Social Sciences. Next are Provost Robert A. Plane, moderator; Harry Levin, the William R. Kenan Jr., Professor of Psychology, and Ta-Chung Liu, the Goldwin Smith Professor of Economics.

second quarter (at annual rate) of this year.

He also foresees civilian employment for June, 1973 as nearly 83 million compared to the current official figure of about 82 million. The consumer price level (index number) or June, 1973, he predicts, will be 129 as compared to the recent figure of about 126. He said these predictions may have to be revised if the State of the Union and the budget messages to be made by the President in January, 1973 propose any new economic policies or moves.

Liu revealed his latest model at the dedication of Cornell's new \$8.5 million social sciences building.

Liu's unveiling of his monthly econometric model was done during one of three lectures at the building dedication. In addition to Liu, Robin M. Williams Jr., the Henry Scarborough Professor of Social Sciences, discussed "New Developments in the Study of Social Conflict and Social Institutions," and Harry Levin, the William R. Kenan Jr. Professor of Psychology and chairman of the Department of

will include, such monthly estimates of the important barometers of the economy as personal consumption expenditures on cars, other durable and nondurable goods; total amount spent on housing construction; business investment in plant and durable producers' goods; various price and wage levels; employment; and the total GNP.

The information will be published in monthly, quarterly and annual forms at the end of each month after next January for a year ahead and made available to those outside of Cornell under arrangements to be worked out with the University. Econometric models for predicting the nation's economic conditions on an annual and quarterly basis have been used increasingly for planning by businessmen, industrialists, bankers and the government since the 1950s. This is the first monthly model available.

Liu was also author of an annual econometric model in 1955 and a quarterly model in 1963.

# Personnel Announces Promotions, Retirements

## Promotions

Amy VanNess, Hotel Administration, Stenographer - Department Secretary.  
 Margaret Vangeli, Biochemistry, Principal Clerk - Head Account Clerk.  
 Laura May, CIUE (transfer from University Press), Senior Clerk - Department Secretary.  
 Barbara Robbins, Office of the Registrar, Administrative Secretary - Principal Clerk.  
 Marjorie Hagin, Office of the Registrar, Senior Clerk - Principal Clerk.  
 Beatrice Nurmi, Office of the Registrar, Principal Clerk - Administrative Clerk.  
 Mary Ann Robinson, Office of the Registrar, Senior Clerk - Principal Clerk.  
 Elsie Pond, Office of the Registrar, Principal Clerk - Senior Data Clerk.  
 Dorothea Wilbur, Office of the Registrar, Senior Clerk - Principal Clerk.  
 Helen Leter, Office of the Registrar, Administrative Aide I - Administrative Aide II.  
 Charlene Lewton, Office of the Registrar, Administrative Secretary - Senior Administrative Secretary.  
 Alita Conze, Office of the Registrar, Data Clerk - Principal Clerk.  
 Suzanne Cunningham, Office of the Registrar, Senior Clerk - Data Clerk.  
 Alice Gere, Office of the Registrar, Records Clerk - Data Clerk.  
 Margaret Gunning, Office of the Registrar, Typist - Records Clerk.  
 Robert Kellogg, Animal Science, Programmer C - Programmer B.  
 Fred Gomez, Animal Science, Programmer C - Programmer B.  
 Donna Deeley, Animal Science, Key Punch Operator I - Key Punch Operator II.  
 Bernard Lynch, Chemistry, Mechanician - Experimental Mechanician.  
 Carol Chaskey, Sociology, Stenographer - Administrative Secretary.  
 Patricia Miller, University Libraries, Typist - Library Assistant II.  
 Minnie Cutter, Office of the Registrar, Principal Clerk - Administrative Clerk.  
 Tjeng The, University Libraries, Clerk - Library Intern.  
 Richard Vail, University Development (transfer from Admissions), Assistant Director Admissions - Director, Regional Office.  
 Mark Teicher, University Libraries, Clerk - Library Assistant II.  
 Jane Shih, University Libraries, Clerk - Library Assistant II.  
 Gary Dellow, University Libraries, Shipping Clerk - Truck Driver.  
 Jane Bird, Computer Services, Principal Clerk - Senior Administrative Secretary.  
 Elizabeth Gustafson, Agricultural Economics, Stenographer I - Stenographer II.  
 Douglas Conover, Safety Division, Detective - Sergeant.  
 Grace Clark, Veterinary Medicine, Stenographer II - Statistical Typist II.  
 Sally Feinberg, Industrial and Labor Relations, Statistical Typist II - Technical Aide I.  
 Susan Browne, Industrial and Labor Relations, Typist - Stenographer II.  
 Nancy York, Plasma Studies, Senior Administrative Secretary - Administrative Aide.  
 Bernice M. Parker, University Development, Principal Clerk - Administrative Secretary.  
 Lois Litteer, University Development, Records Clerk - Principal Clerk.  
 Lillian Edds, Agricultural Economics, Extension Aide NS - Extension Aide 4.  
 John DeLibero, WHCU, Technician - Traffic Manager.  
 Harold Garrity, WHCU, Reporter - News Director.  
 Maynard Richardson, Traffic, Traffic

Controller - Appeals Officer.  
 Susan Sandro, Vice-President for Campus Affairs, Administrative Aide I - Conference Coordinator.  
 Barbara Preston, Resident Instruction, Clerk I - Stenographer I.  
 Vicki Shaff, Biochemistry, Stenographer I - Stenographer II.  
 Brenda Colthart, Genetics, Development, Physiology, Laboratory Technician II - Experimentalist I.  
 Charles W. Guyett, Life Safety Services, Fire Service Inspector - Senior Life Safety Inspector.  
 Alexander L. McCord, Life Safety Services, Fire Service Inspector - Senior Life Safety Inspector.  
 Ralph L. Haner, Life Safety Services, Safety Inspector - Senior Life Safety Inspector.  
 Lawrence Daniels, Life Safety Services, Fire Service Inspector - Senior Life Safety Inspector.  
 William Redfield-Lyon, Life Safety Services, Assistant Fire Service Inspector - Life Safety Inspector.  
 Ernest Terwilliger, Life Safety Services, Assistant Fire Service Inspector - Life Safety Technician.  
 Thomas Brown, Life Safety Services, Assistant Fire Service Inspector - Life Safety Technician.  
 Bernard Lamphere, Life Safety Services, Assistant Fire Service Inspector - Life Safety Technician.  
 C. Philip VanCamp, Life Safety Services, Assistant Fire Service Inspector - Life Safety Technician.  
 Stanley Fox, Life Safety Services, Senior Fire Service Inspector - Assistant Manager Life Safety.  
 William Smith, Natural Resources, Wildlife Research Aide - Research Technician.  
 Lillian Young, General Services, Computer Operator B - Computer Operator A.  
 Janel Doran, Pomology, Clerk II - Stenographer II.  
 Florence Finch, Center for International Studies, Administrative Clerk - Senior Administrative Secretary.  
 Harry Dilles, Life Safety Services, Building Inspector - Senior Life Safety Inspector.  
 Mabel Sheehan, Vegetable Crops, Temporary service Technician - Laboratory Technician I.  
 Gary Chicoine, Geneva, Field Helper - Field Assistant I.  
 Elaine Harrington, University Libraries, Library Assistant II - Library Assistant III.  
 Robert Worley, Buildings and Properties, Apprentice Painter - Journeyman Painter.  
 Robert Stewart, Plasma Studies, Laboratory Assistant - Technician I.  
 Elizabeth Selvarajah, President's Office (transfer from University Development), Clerk - Administrative Secretary.  
 John West, Physical Education and Athletics, Assisant Business Manager - Ticket Manager.  
 Raymond Fryer, Geneva, Office Machine Operator III - Supervisor Duplicating Services.  
 Pamela Henderson, Laboratory of Nuclear Studies, Stenographer - Department Secretary.  
 Frederick Keib, Photo Science, Photographer - Manager.  
 Clarence Williams, General Services, Bus Driver Trainee - Bus Driver.  
 Linda Heslink, General Services, Bus Driver Trainee - Bus Driver.  
 Linda Fowler, Dining, Senior Clerk - Principal Clerk.  
 Nancy Smith, Geneva, Stenographer II - Administrative Secretary.

Leon R. Lind, Geneva, Experimentalist II - Research Technician 5.  
 Joanne Whitcombe, Geneva, Research Technician 4 - Experimentalist 2.  
 Michael Vaughn, School of Veterinary Medicine, Laboratory Assistant II - Maintenance Helper.  
 Dorothy McEachron, CRS, Senior Clerk - Multilith Operator II.  
 Penny Meyer, Law School, Department Secretary - Administrative Secretary.  
 Glenna Thaler, Hotel Administration, Junior Production Assistant - Department Secretary.  
 Kathleen Murdock, Graduate School, Senior Clerk - Admissions Secretary.  
 David M. Tobey, Animal Science, Laboratory Technician - Laboratory Technician II.  
 Mary Parker, Finance and Business, Stenographer II - Records Clerk.  
 Laura Doll, Science and Technology, Administrative Secretary - Senior Administrative Secretary.  
 Anne Moffat, Neurobiology and Behavior, Technician Trainee - Technician.  
 Jacqueline Higgins, Office of Dean - Arts and Sciences, Administrative Secretary - Administrative Aide I.  
 Bruce Preston, University Libraries, Library Assistant II - Library Assistant III.  
 Kenneth Eckert, CRSR, Electronics Technician - Senior Experimental Technician.  
 Allen Nice, Natural Resources, Field Assistant - Research Technician.  
 Winifred Tuthill, Agricultural Economics, Clerk - Stenographer I.  
 Steffi White, Human Nutrition and Foods, Stenographer I - Stenographer II.  
 Sally Hughes, Dining, Desk Manager - Catering Manager.  
 Thelma Reeves, Law School, Library Assistant - Department Secretary.  
 Dorothy Speck, Career Center, Principal Clerk - Administrative Secretary.  
 Joan Ormondroyd, University Libraries, Assistant Librarian - Senior Assistant Librarian.  
 Lois Case, Purchasing, Account Clerk - Senior Account Clerk.  
 Ronald Francis, School of Veterinary Medicine, Dairyman I - Technical Aide I.  
 Robert Newhart, Entomology (transfer from General Stores), Stockkeeper II - Stores Manager.  
 Joseph Sclaro, School of Veterinary Medicine, Laboratory Technician II - Research Technician IV.  
 Phyllis Parish, Housing, Maid - Custodian.  
 Emanuel Carter, Office of the Dean - Arts and Sciences, Interviewer - Admissions Counselor.  
 Steven Rockey, University Libraries, Library Assistant II - Library Assistant III.  
 Diane M. Lagonegro, Mann Library, Library Assistant I - Library Assistant II.  
 Laraine Emmons, Engineering - Plasma Studies, Head Account Clerk Trainee - Head Account Clerk.  
 Valerie Thomas, University Libraries, Department Secretary - Library Assistant III.  
 Mark Teicher, University Libraries, Library Assistant II - Library Supervisor.  
 Lydia Dutton, Temple of Zeus - Arts and Sciences (transfer from Buildings and Properties), Custodian - Food Concession Manager.  
 Edith Bonawitz, University Libraries, Library Assistant III - Assistant Librarian.  
 Margaret Lacey, Dining, Dining Supervisor I - Dining Manager.  
 Christine Maricle, Chemistry (transfer from Academic Funding), Senior Clerk - Administrative Secretary Trainee.  
 Richard Pastore, Computer Services, Operator I Trainee - Operator I.

Milton DeGraw, Dining, Supervisor I - Dining Manager.  
 Beth Loncoy, Purchasing, Account Clerk - Senior Account Clerk.  
 Maria Porcaro, Geneva, Temporary Service Labor - Laboratory Assistant.  
 Timothy Larkin, Neurobiology and Behavior, Research Technician - Research Technician I.  
 Elsie Woodard, Neurobiology and Behavior, Department Secretary - Administrative Secretary.  
 Shirley Swanson, Purchasing, Department Secretary - Administrative Secretary.  
 Ronda Boynton, Purchasing, Account Clerk - Department Secretary.  
 Betty Lou Marshall, Architecture, Department Secretary - Senior Administrative Secretary.  
 Alice Olsefski, University Libraries, Library Assistant II - Searcher I.  
 Sharon Endler, University Libraries, Searcher I - Searcher II.  
 Kay Hanna, University Senate, Administrative Assistant II - Manager IV.  
 Lucille Macera, University Counsel, Senior Administrative Secretary - Administrative Aide II.  
 Melvin C. Smith, Dining, Serviceman - Stockkeeper III.  
 Wilfredo Arce, Arecibo, Painter - Sandblaster.  
 Jill Howland, Office of the Dean - Arts and Sciences, Stenographer - Department Secretary.  
 Ralph King, Purchasing, Purchasing Agent - Senior Purchasing Agent.  
 Benjamin Santiago, Arecibo, Computer Operator - Chief Computer Operator.  
 Hartwig Kisker, Career Center (transfer from Office of Judicial Administrator), Judicial Administrator - Assistant Director Career Center.  
 Geraldine Patterson, Architecture, Principal Account Clerk - Administrative Clerk.  
 Dorla Cortwright, Housing, Maid - Custodian.  
 Mary Harris, Housing, Maid - Custodian.  
 Ethel Taylor, Housing, Maid - Custodian.  
 Marie Vickers, Housing, Maid - Custodian.  
 Lucille Belcher, Housing, Maid - Custodian.  
 Elizabeth Lanzilotta, Housing, Maid - Custodian.  
 Mary Merrill, Housing, Maid - Custodian.  
 Mary Hall Merrill, Housing, Maid - Custodian.  
 Lillian Parker, Housing, Maid - Custodian.  
 Jane Reed, Housing, Head Maid - Custodian.  
 Louise Williamee, Housing, Maid - Custodian.  
 Velma Andrews, Housing, Maid - Custodian.  
 Mary E. Coolbaugh, Housing, Maid - Custodian.  
 Frances Hakes, Housing, Head Maid - Custodian.  
 Catherine Kiger, Housing, Maid - Custodian.  
 Gertrude Morris, Housing, Maid - Custodian.  
 Catharine Reynolds, Housing, Maid - Custodian.  
 Virginia Smith, Housing, Maid - Custodian.  
 Nancy Bachelor, Housing, Maid - Custodian.  
 Pamela Jenkins, ILR (transfer from University Libraries), Senior Account Clerk - Account Clerk I.  
 Constance Powell, Mann Library, Temporary Assistant - Library Assistant II.

# Personnel Retirements

Continued from Page 9

Roger Stout, Student Housing, Custodian - Supervising Housekeeper.

Lydia Maldonado, Cooperative Extension Administration, Nutrition Aide II - Nutrition Aide Supervisor.

Rita Harris, Physical Education and Athletics, Temporary Assistant - Administrative Aide II.

Carole Knobil, University Libraries, Library Trainee - Assistant Librarian.

Linda DeLuca, Housing, Account Clerk - Senior Account Clerk.

Jeanne Fenner, Cooperative Extension Administration (transfer from Office of the Bursar), Stenographer - Stenographer I.

Pauline Putney, Animal Science, Laboratory Assistant II - Experimental Animal Caretaker.

Wayne Gordner, Geneva, Temporary Service Operator - Research Technician.

Greta Leader, Geneva, Temporary Service Operator - Laboratory Assistant.

Michele Crane, Office of Dean - Arts and Sc., Principal Clerk Trainee - Administrative Secretary.

Edgar Swart, Telephone Division, Communications Manager - Administrative Assistant II.

Tazu Warner, Asian Studies, Administrative Secretary - Administrative Aide.

Thomas Turner, Safety Division, Senior Patrolman - Sergeant.

Charlotte Quinn, Finance and Business (transfer from Purchasing), Senior Account Clerk - Audit Clerk.

Hilda Saroka, Animal Science, Temporary Service Labor - Animal Technician.

Teresa Tu, Libraries, Searcher I - Searcher II.

James Dishaw, Buildings and Properties, Student Summer Employment - Custodian.

Katherine Gully, University Libraries, Library Assistant III - Assistant Librarian (Acting).

Evely Lane, Statler, Key Punch Operator I - Key Punch Operator II.

Loy Van Crowder, Jr., Cornell Plantations, Temporary Hourly Employee -

Groundsman.

Carl Anderson, University Libraries, Library Trainee - Assistant Librarian.

Eugene Bartell, Space Sciences, Administrative Assistant II - Administrative Officer III.

Merrily Lee, Agronomy, Stenographer II - Administrative Aide.

Kenneth Wormser, Hotel Administration, Temporary Hourly Employee - Food Production Clerk.

Ward Miller, Farm Services, Farm Supervisor I - Manager, Farm Services.

Christine Peter, Campus Store, Stenographer - Department Secretary.

Jean Pouchet, 6 year PhD Program, Administrative Secretary - Senior Administrative Secretary.

Henry McPeak, Student Housing (transfer from LASSP), Electronics Technician Foreman - Assistant Director, Student Housing.

Ann Pendergrass, Vegetable Crops, Experimental Assistant - Research Specialist.

Luba Blake, Chemistry, Administrative Secretary - Senior Administrative Secretary.

Paulette Kazenski, University Libraries, Searcher I - Searcher II.

Teresa Gajeway, University Libraries, Library Assistant II - Department Secretary.

Debra Reinertson, University Libraries, Library Assistant II - Library Assistant III.

Gary Bogart, University Libraries, Library Assistant I - Library Assistant II.

Susan Burdsall, Human Ecology, Temporary Clerk - Stenographer.

Richard Saltford, Human Ecology, Extension Administration (transfer from Academic Funding), Administrative Assistant II - Extension Specialist.

Edward L. Kabelac, Buildings and Properties, Assistant Superintendent - Superintendent, Grounds Division.

Darlene Boyle, Willard Straight, Short Order Cook I - Short Order Cook II.

Mary Rovelli, Applied and Engineering Physics, Technician II Trainee - Technician II.

Faye Reid, Telephone Division, Operator 1 - Operator 2.

## Job Opportunities At Cornell University

The following are regular continuing full-time positions unless otherwise specified. For information about these positions, contact the Personnel Department, B-12 Ives Hall, N.W. An equal opportunity employer.

Accountant, A-20  
Administrative Secretary, A-15 (2)  
Stenographer II, NP-6 (3)  
Statistical Clerk, NP-6  
Account Clerk, A-13  
Department Secretary, A-13 (3)  
Stenographer I, NP-5  
Assistant Counsel (2)  
Assistant to the Associate Dean for Research in Graduate Education  
Associate Registrar  
Administrative Assistant I, A-22  
Counselor  
Executive Assistant  
Financial Management Director  
Senior Accountant  
Assistant Director  
Extension Aide IV, U-8  
Dining Services Manager, A-21  
Extension Specialist III  
Teaching Specialist

Research Technician III, NP-12  
Research Technician, A-21  
Pharmacist (1/2 time)  
Mechanical Engineer, A-28  
Chief Design Engineer  
Utilities Rate Engineer, A-28  
Central Heating Plant Supervisor, A-25  
Research Technician II, NP-10  
Filter Plant Operator, A-19  
Relief Fireman, A-14  
Machinist Trainee, A-14  
Programmer III, A-23  
Short Order Cook II, A-15  
Housekeeping Supervisor, A-14  
Seed Technologist I, NP-15  
Technical Associate, A-24  
Demographer  
Sr. Auditor  
Night Auditor, A-14  
Financial Analyst

Faye Brotherton, Telephone Division, Operator 1 - Operator 2.

Martha Young, University Libraries, Typist - Senior Typist.

Ruth Lloyd, Campus Store, Administrative Clerk - Text Book Manager.  
Elizabeth D'Andrea, Student Activities, Assistant Teacher - Teacher.

Alice Humphreys, Office of the Provost, Administrative Aide II - Executive Assistant.

Marjorie Wagner, Office of the President, Administrative Aide II - Executive Assistant.

Selden Ball, Laboratory of Nuclear Studies, Technician - Senior Electronics Technician.

G. Thomas Hagin, Traffic, Traffic Controller - Senior Traffic Controller.

### Retirements

Hugh Holley, Animal Science, Employed August 1941 - Retiring July 1972.

Clarence Newbury, Bailey Hortorium, Employed November 1945 - Retiring July 1972.

Frank W. Weibley, Buildings and Properties, Employed September 1961 - Retiring June 1972.

James Honness, Buildings and Properties, Employed January 1937 - Retiring September 1972.

Iola Reise, Dining, Employed September 1962 - Retiring October 1972.

Chester Courtwright, Buildings and Properties, Employed March 1962 - Retiring June 1972.

Ralph Lobdell, Housing, Employed September 1957 - Retiring September 1972.

## Johnson, Olin, Saperston New Presidential Councillors

Herbert F. Johnson of Racine, Wisc., Spencer T. Olin of St. Louis, Mo., and Alfred M. Saperston of Buffalo were elected Presidential Councillors at Cornell University at a meeting of the University Board of Trustees last Friday. All three are former board members who were elected to emeritus status last May.

Johnson, who was a member of the Cornell board for 25 years, is chairman of S.C. Johnson & Son, Inc. (Johnson Wax). Immediately after graduation from Cornell in 1922, he became associated with the company which was founded by his grandfather.

In 1967, Johnson pledged a gift of \$4 million toward construction of a new art museum at Cornell which will be completed next year. He is a member of the administrative board for the museum which will bear his name.

Olin, who served on the Cornell board from 1957 until last May, is a director of the Olin

Corp. Following his graduation from Cornell in 1921, Olin joined the Western Cartridge Co. in East Alton, Ill., a company founded by his father. The company was one of several involved in mergers that led to the formation of the Olin Corp.

Olin provided the funds for Cornell's Hollister Hall, which houses the School of Civil Engineering, named in honor of the former dean of engineering and Professor Emeritus S. C. Hollister.

Saperston, who served two five-year terms on the board as an alumni trustee, is senior partner in the Buffalo law firm of Saperston, Wiltse, Duke, Day & Wilson. He earned his law degree at Cornell in 1919.

Saperston was chairman of the Commission on Residential Environment in 1966-67 which studied housing at Cornell. He has been active in leadership roles in virtually every phase of Cornell alumni activity and served as chairman of the Cornell Fund.

## Materials Science Proposal to NSF Gets Trustee Okay

The Executive Committee of Cornell University's Board of Trustees last week approved the Cornell administration's action in submitting a proposal to the National Science Foundation

(NSF) to support the Materials Science Center at Cornell with an appropriation of \$2,215,000 for one year ending June 30, 1974.

President Dale R. Corson reported to the Executive Committee last Thursday that over the years \$3,012,051 has been received from the Advanced Research Projects Agency (ARPA) and NSF against the \$4 million originally expected.

Cornell's Materials Science Center, one of 11 such facilities

in the country, is in its first year of support by NSF after 12 years of support from ARPA. The \$2,215,000 request represents a reduction from the \$2,760,000 awarded by NSF this year. However, ARPA has decided to resume partial support of the centers next year, and Cornell will receive approximately \$550,000 in additional support.

The funds requested are for operating expenses, capital equipment and \$400,000 for the building use charge.

### Rivera on WNBF-TV

Ramon E. Rivera, Cornell's Affirmative Action officer and former executive director of the New York City Commission on Human Rights and a New York Urban League staff member for 15 years, will appear on WNBF-TV's "The Morning Show" at 10 a.m. tomorrow. Rivera and the show's host, Roy Sova, will be discussing female and minority employment opportunities at Cornell and the University's female and minority policies in general.

## President Corson Orders Arts Quad Renovation Halted Pending Review

Further renovation construction of Cornell University's Arts Quadrangle will be held in abeyance pending a review of design and construction.

Thomas W. Mackesey, vice president for planning, announced Wednesday that President Dale R. Corson has ordered a review of the plans for reconstruction of paths and the creation of plazas in this portion of the campus.

"This review was directed by President Corson because of the great amount of interest in and conflicting views on this project in this historic center of the campus," Mackesey said.

Mackesey said further that the Corson action "will enable us to be assured that every appropriate campus planning organization has had an opportunity to express its views on the planning for the Arts Quad projects."

# The Senate Page

The Senate Page is the official bulletin of the Cornell University Senate. Publication is supervised by Robert E. Gardner, secretary of Senate. 133 Day Hall, 256-3715.

## Proposed Agenda

1. Question Time.
2. Announcements.
3. Minutes.
4. Agenda.
5. Ruling on I.O.C. military seat decisions.
6. C-63-b — Judicial Procedure Act of 1972.
7. C-110-b — Election Dates and Procedures Act of 1972.
8. C-90-a — Committee legislation: To formulate election of Executive Committee.

9. C-105-a — Arts Quad Renovation Bill.
10. C-27-a — Costing of Actions Amendment to the Senate Bylaws.

## Senate Calendar

Thursday Oct. 19 — Planning Review Committee - Hearing on Cranch Report, Senate Office, noon; Religious Affairs Committee, Blue Room, Anabel Taylor, 4:30 p.m.; Campus Life Committee - Budget Hearing, North Room, Willard Straight,

1:15 p.m.

Friday, Oct. 20 — Executive Committee Luncheon with President Corson, 1:15 p.m.

Monday, Oct. 23 — Executive Committee Agenda Meeting, Senate Office, 5:15 p.m.; Parking and Traffic Subcommittee, ILR Library, 12:30 p.m.; Physical Education and Athletics, Schoellkopf House, 3 p.m.

Tuesday, Oct. 24 — Admissions and Financial Aids Committee, 494 Social Science Building, 4:30 p.m.; University as an Employer Committee, 214 Ives, 4:30 p.m.; Cornell University Senate Meeting, Kaufmann Auditorium, Goldwin Smith Hall, 7:30 p.m.

## Senate Actions—Oct. 10, 1972

(Complete texts of all University Senate actions are available in the Senate Office, 133 Day Hall.)

ACTION NUMBER	TITLE	SPONSOR	ACTION TAKEN
SA-158 [C-93-a]	A REVISED PROCEDURE FOR FILLING VACANT SEATS IN THE CORNELL UNIVERSITY SENATE [This bill repeals Title XI, Section Five of the Senate Bylaws (The section providing for By-elections) and substitutes a more flexible procedure intended to fit the varied circumstances under which seats become vacant.]	John Harding for I.O.C.	Passed as Amended
SA-159 [C-88-a]	ESTABLISHMENT OF UNIVERSITY APARTMENTS [This act requires that planning be initiated immediately for establishment of new university owned single-student apartments.]	Michael J. Foster, Hum. Ec. Undergraduate	Passed as Amended

## Current Legislative Log

(The full text of any bill introduced in the University Senate is available in the Senate Office, 133 Day Hall.)

BILL NUMBER	DATE SUBMITTED	TITLE	SPONSOR	COMMITTEE REFERRED TO
C-105-a	10/10/72	ARTS QUAD RENOVATION BILL [To stop planned construction of a brick patio in front of Sibley and to reallocate those funds for tree planting on the Arts Quad.]	David Bachman	Campus Planning

## Dean's Office Announces Appointments

The Office of the Dean of Students (ODS) at Cornell has announced several new personnel appointments and internal personnel changes in its staff, according to Elmer E. Meyer Jr., dean of students and assistant vice president for campus affairs.

Internal changes include the following shifts in responsibility: David B. Henderson to assistant dean of students, coordinator of student activities and orientation and fraternity advisor from assistant dean of students, fraternities and student activities; James L. Palcic to assistant dean of students for North Campus residence halls from a similar position in the West Campus, and Jenele Buttery to assistant coordinator of student activities and orientation from student activities assistant.

New personnel include: Henry L. McPeak, assistant director for operations, Department of Student Housing; Nancy E. Kane, residential area coordinator, lower North Campus; Robert H. Johnston, residential area coordinator, upper North Campus; Arlette A. Hecht, student activities assistant, and Kenneth E. Kelly, veterans affairs specialist.

Henderson was completing a doctor of education degree at Indiana University in 1971 before coming to Cornell. He completed his undergraduate degree in 1964 from Carroll (Wis.) College and his master's degree from the University of Wisconsin in 1968.

Palcic came to Cornell in 1971 from Monmouth (N.J.) College where he was assistant dean of students and director of

residence. He earned his bachelor of arts degree in 1965 and his master's degree in student personnel administration in 1967 from Syracuse University.

A 1970 graduate of Occidental (Cal.) College, Ms. Buttery was a dormitory head resident as an undergraduate. She and her husband, James, are currently head residents in Kappa Psi sorority, 508 Thurston Ave.

A Cornell employe for 10 years prior to joining the ODS, McPeak was supervisor, Electronics Facility, Materials Science Center, Department of Atomic and Solid State Physics. McPeak has attended Syracuse's School of Applied Science and has been an extramural student in Cornell's School of Hotel Administration.

## Bulletin Board

### Search Committee for Trustee-at-Large

The Cornell University Senate's Internal Operations Committee is accepting applications from members of the Cornell community who would like to serve on a search committee responsible for nominating a University trustee-at-large.

Senate election of trustees-at-large is outlined in Article III of the Senate's constitution. The constitution states the Senate may elect up to four persons from outside the University for terms of four years each, the initial four to be elected one each year for four consecutive years.

Since its establishment in 1970, the Senate has elected Desdemona P. Jacobs and Glenn W. Ferguson trustees-at-large. Mrs. Jacobs, an Ithaca resident, is supervisor of counseling aides at Boynton Junior High School. Ferguson, currently president of Clark University, earned his bachelor's degree and a master's degree in business administration from Cornell in 1950 and 1951 respectively.

Applicants for the search committee should be directed to the Senate Office, 133 Day Hall.

### New 'Physics of Life' Course Offered

A new course titled "Physics of Life" will be taught between 8:30 and 9:55 a.m. on Tuesdays and Thursdays during the spring term. The course is for three credit hours and is numbered EP 8606. It is not listed in the course and time roster. Prerequisites are Physics 101 or 112 and Chemistry 104 or 108. Anyone with questions on the course may call Aaron Lewis at 6-5264 or 6-5198.

This course deals with the physics of life within the unity and interdependence of living matter. Topics to be covered are photosynthesis, as elucidated by molecular spectroscopy, protein structure and reactivity as exemplified by hemoglobin (the plant-animal interface), membrane function in terms of metabolism (a parallel process to respiration), reproduction of the organism and nucleic acids and perception by the organism.

### Rare Bookbindings Exhibited

An exhibition of Early American bookbindings from the private collection of Michael Papantonio, a New York City rare bookseller, is on display in the Department of Rare Books, Olin Library, Cornell University.

The 62 items on exhibit are a small but representative sample of Papantonio's collection. They span more than two centuries, ranging from the work of John Ratcliffe in Boston in 1669 to that of Pawson and Nicholson in Philadelphia in 1864. Open to the public, the exhibit will be on display through Nov. 13.

An illustrated catalog may be purchased at the exhibit. Its introduction states that "The exhibition traces the shift in importance as a center for the craft from Boston to Philadelphia in the eighteenth century, and to New York in the nineteenth century. It also includes work by craftsmen in lesser places: Salem, Massachusetts; Newport and Providence, Rhode Island; New Haven and Hartford, Connecticut; Germantown, Pennsylvania; Georgetown, District of Columbia; Annapolis, Maryland — leaving only the southern colonies of Virginia and South Carolina unrepresented."

This is only the third exhibition in the twentieth century devoted exclusively to American bindings. After leaving Cornell the exhibit will be displayed at the University of Virginia, the Pierpont Morgan Library, the American Antiquarian Society and Princeton University Library.

### 'Watch the Parking Meters'

Eleven 90-minute parking meters have been installed for visitor parking in the North Campus Union parking lot at Cornell University, according to Maynard A. Richardson, acting information officer, Traffic Bureau. The meters became operational Monday. No University meters take pennies, he said.

Maynard also stated that parking on Pleasant Grove Rd. east of the "A" parking lot is prohibited and cars parked there will be towed away by the Traffic Bureau or the Safety Division.

### Pimentel to Lecture on Pest Control

David Pimentel, professor of entomology at Cornell, will discuss "Pest Control, Chemical and Biological" in the next lecture of the University's Biology and Society series.

The talk, which is open to the public, will be presented at 8 p.m. Monday in the Statler Auditorium.

The lecture series is sponsored by the University's Division of Biological Sciences; Cornell's Program on Science, Technology and Society, and the New York State College of Agriculture and Life Sciences.

The lecture will be broadcast over WHCU-FM at 10 p.m. the day of the lecture.

## Sports Scoreboard and Schedules

**VARSITY FOOTBALL:** Colgate 37-7; Rutgers 36-22; Pennsylvania 24-20; Oct. 21, at Harvard; Oct. 28, Yale; Nov. 4 at Columbia; Nov. 11 at Brown; Nov. 18 Dartmouth; Nov. 25, at Princeton.

**VARSITY SOCCER:** Hartwick 2-4; RPI 2-0; Bucknell 5-0; Syracuse 5-0; Colgate 3-0; Pennsylvania 2-3; Oct. 18, Cortland; 1-0 Oct. 21, at Harvard; Oct. 28, Yale; Nov. 4 at Columbia; Nov. 11, at Brown; Nov. 17, Dartmouth; Nov. 25, at Princeton.

**VARSITY CROSS COUNTRY:** Colgate 18-43; Syracuse 19-42; Lafayette 16-47; Oct. 21, at Harvard; Oct. 28, Yale; Nov. 3, Heptagonals; Nov. 7, at Army; Nov. 13, IC4A.

**LIGHTWEIGHT FOOTBALL:** Princeton 44-0; Navy 10-19; Oct. 27, at Rutgers; Nov. 3, Pennsylvania; Nov. 11, at Army; Nov. 18, Columbia.

# Calendar

## October 19-26

### Thursday, October 19

9 a.m.-5 p.m. Pioneer Stereo Show by Stellar Sound. Sponsored by the Cornell Concert Commission. Memorial Room, Willard Straight Hall.

11:15 a.m. George Fisher Baker Lecture. Baker 200.

Noon. Administrators Anonymous luncheon and talk: "Relations, Must They Be Complex?" Mayor Edward Conley. Sun Room, Statler Inn.

4 p.m. Seminar: "Role of EPA and Environmental Impact Statements." Dr. Courtney Riordan, asst. prof. of city and regional planning, policy planning and regional analysis, Cornell. Sponsored by Dept. of Natural Resources. Conference Room, Fernow Hall. Coffee 15 minutes prior to the lecture.

4:30 p.m. Food Science Seminar: "Developments in the Studies of Nitrosoamines in Foods." Dr. A.E. Wasserman, USDA, ARS, Philadelphia. Refreshments at 4:15 p.m. 204 Stocking Hall.

7 p.m. Free Film: *Way Down East* directed by D.W. Griffith (1920-silent) starring Lillian Gish. Also *The Struggle* (1931) at 9:15 p.m. Multi-purpose Room, North Campus Union.

7:15 p.m. Volleyball Club. All interested are welcome. Teagle Gym.

7:30 p.m. Israeli folk dancing with instruction, led by Neil Sonenklar. One World Room, Anabel Taylor Hall.

8 p.m. Messenger Lecture: "A Rational Theory of Human Value—II." Garrett Hardin. Statler Hall. Last of six lectures.

8 p.m. Cornell Duplicate Bridge Game. Sage Hall Cafeteria.

8 p.m. Christian Science Organization testimony meeting. Visitors are welcome. Founders Room, Anabel Taylor Hall.

8:15 p.m. University Theatre Studio Series: *Yerma*, by Federico Garcia Lorca. Drummond Studio.

### Friday, October 20

11:15 a.m. Food Science Seminar - Special - "Commercial Applications of Aquaculture in the Development of New Business." Charles Foster, manager, corporate planning, Syntex Corp., Palo Alto, Calif. 204 Stocking Hall.

6:15 p.m. Orthodox Shabbat Services, Young Israel House, 106 West Ave.

7 & 9:15 p.m. \*Film: Ithaca Premiere of *Macunaima* from Brazil. Willard Straight Theatre.

7 & 9:15 p.m. \*Film: *The Hospital* with George C. Scott. Statler Auditorium.

7:30 p.m. Shabbat Service: Community Service, Founders Room, Anabel Taylor Hall.

7:30 p.m. The Cornell Latin American Student Assoc. presents "A Latin American Student in China." Pablo Trivelli, graduate student at Cornell speaks about his summer trip to the People's Republic of China. (Discussion will be held in Spanish.) Art Lounge, Willard Straight Hall.

7:30 p.m. \*Freshman Football - Syracuse. Schoellkopf Field.

8 p.m. Open House at the Fuertes Observatory. See the Belts of Jupiter, the Ring Nebula of Lyra, Beautiful Albireo and other Celestial Wonders. Sponsored by the Graduate Astronomy Club. Held only if the sky is clear. Off Pleasant Grove Road.

8 p.m. \*Concert: "Blood, Sweat and Tears." Bailey Hall. Sponsored by the Cornell Concert Commission.

8:15 p.m. "The World Is Hard to Find." A symposium on the destiny of world community and of mankind. Keynote address by Raimundo Pannikar; Introduction and reaction of panelists at 9:15 p.m.; Anabel Taylor Hall Auditorium. The symposium runs until Oct. 22.

8:15 p.m. \*University Theatre Production: *Yerma*. Drummond Studio. (see Oct. 19.)

8:30 p.m. Poetry reading at the Commons, Anabel Taylor Hall.

8:30 p.m. Oneg Shabbat and discussion with Lubavitcher Hassidim at Young Israel House, 106 West Ave.

### Saturday, October 21

9:30 a.m. Shabbat service, Edwards Room, Anabel Taylor Hall.

2 p.m. Talmud Study, Young Israel House, 106 West Ave.

9 a.m. "The World Is Hard to Find" Symposium. Discussion morning and afternoon.

1:30 p.m. The Cornell Latin American Student Assoc. will hold the election of members of the steering committee for '72-73 in the International Lounge, Willard Straight Hall. All Latin American students are encouraged to attend.

7 & 9:15 p.m. \*Film: *The Hospital* with George C. Scott and Diana Rigg. Statler.

7 & 9:15 p.m. \*Film: The Ithaca premiere of *Manunaima*. Willard Straight Theatre. (See Oct. 20.)

7:30 p.m. \*Film: *Bhuvan Smome*. Presented by the Cornell India Assoc. Goldwin Smith D.

8 p.m. Student Coffeehouse Acts. North Campus Union.

8 p.m. Cornell Folk Club will have George and Vaughn Ward in concert at Phileas Fogg. Sage Graduate Center.

8 p.m. \*Cornell Outing Club Square Dance. Caller: Don Miller. Teagle Hall. (Sneakers, please.)

8 p.m. Open House at the Fuertes Observatory. Held only if the sky is clear. Off Pleasant Grove Road. (See Oct. 20.)

8:15 p.m. \*Cornell University Theatre Production: *Yerma*. Drummond Studio. (See Oct. 19.)

8:15 p.m. \*Cornell Polo Club play Myopia. Cornell Riding Hall.

9 p.m. Dance - 2nd Floor Dining Area, Noyes Center. Sponsored by Noyes Center Board.

### Sunday, October 22

9 a.m. Plenary session of "The World Is Hard to Find." Anabel Taylor Hall.

9:30 a.m. Yoga. Loft II, Willard Straight Hall.

9:30 a.m. Episcopal Church at Cornell. Worship, Anabel Taylor Chapel. Church School and Nursery Care provided. All are welcome.

11 a.m. Sage Convocation. Professor Raimundo Panikkar, Dept. of Religious Studies, University of California, Santa Barbara, Calif.

Noon. "Alice in Rallyland" car rally. Start from University B-lot parking area. Sponsored by the Cornell Sports Car Club.

2 p.m. Table Tennis Round Robin Matches. Third Floor Lounge, Noyes Center.

2 p.m. "Sunday Afternoon at Balch." Free concerts by the Sherwoods. Balch I Lounge.

3 p.m. Volleyball Club. All interested are welcome. Teagle Gym.

4:15 p.m. Music Dept. and Society for the Humanities concert. Lady Susi Jeans. Inaugural recital, Wolfforgan. Anabel Taylor Chapel.

7:30 p.m. Finance Commission Budget Workshop. Art Lounge, Willard Straight Hall.

8 p.m. \*Film: Olivier's *Othello*. Uris Auditorium.

8:15 p.m. \*University Theatre Production: *Yerma*. Drummond Studio. (See Oct. 19.)

### Monday, October 23

8 p.m. \*Film: *October* (Ten Days That Shook the World, 1927). Directed by Eisenstein. Willard Straight Theatre. Film Club Members only.

8 p.m. Society and Biology Lecture Series: "Pest Control, Chemical and Biological." Professor David Pimentel. Statler Auditorium.

8:30 p.m. Mark Teicher, poems: Claire Palermo, guitar and songs, at the Commons, Anabel Taylor Hall.

### Tuesday, October 24

11:15 a.m. George Fisher Baker Lecture. Baker 200.

4:30 p.m. Geological Sciences Seminar: "Growth and Destruction of Island Arc Systems." Daniel Karig, Dept. of Geological Sciences, University of California at Santa Barbara. Coffee at 4 p.m.

8 p.m. \*Film: Fellini's *The Clowns*. Willard Straight Theatre.

8 p.m. Symposium: "Presidency '72: What's At Stake?" First

of four panel discussions: "The Campaign, The War, and America's Place in the World." Professors Lowi, Rosecrance, Kahn, LaFeber. Sponsored by John L. Senior Chair and Dept. of Government. Memorial Room, Willard Straight Hall.

8 p.m. Landscape Architecture Program Lecture: "Design Awareness in the Environment." Peter G. Rolland, Landscape Architect. Rye, N.Y. Plant Science 404.

8:15 p.m. Dept. of Music and Society for the Humanities present Lady Susi Jeans. Organ concert with chamber ensemble. Karel Husa, conductor. Works by Handel and Herschel. Barnes Hall Auditorium.

### Wednesday, October 25

7:30 p.m. Finance Commission Budget Workshop. Art Lounge, Willard Straight Hall.

8 p.m. Lecture: "X-ray Astronomy. A young, exciting, rapidly expanding science." Professor Walter H.G. Lewin from the Center of Space Research, MIT. Sponsored by Sigma Xi and CRSR. Ives 120.

8 p.m. "Women Is My Name," a program concerned and involved with women in the arts. International Lounge, Willard Straight Hall.

8 p.m. \*Film: Louis Malle's *Murder of the Heart*. Uris Auditorium.

### Thursday, October 26

11:15 a.m. George Fisher Baker Lecture Series. Baker 200.

4:30 p.m. Food Science Seminar: "Detection of Toxic Substances in Foods." Professor D.J. Lisk, Dept. of Entomology, Cornell. Refreshments at 4:15 p.m. 204 Stocking Hall.

7 & 9:15 p.m. Free Film: *The Harder They Fall* with Humphrey Bogart (1956); and *The Wild One* starring Marlon Brando (1953).

7 p.m. Modern Jewish Thought, led by Norman Roth, Grad. Semitics. Blue Room, Anabel Taylor Hall.

7:15 p.m. Volleyball Club meets in Teagle Gym. All those interested are welcome.

7:30 p.m. Israeli Folk Dancing with instruction, led by Neil Sonenklar. One World Room, Anabel Taylor Hall.

8 p.m. Cornell Duplicate Bridge Game. Sage Cafeteria.

8 p.m. Christian Science Organization testimony meeting. Founders Room, Anabel Taylor Hall. Visitors are welcome.

8:15 p.m. \*University Theatre Production: *Yerma*. Drummond Studio.

### Exhibits

Andrew Dickson White Museum of Art: Roy Lichtenstein: Drawings. Open to Nov. 10. Colin Greenly: Photosilkscreens, Oct. 20-Nov. 15. Hours: Tues.-Sat. 11 a.m.-5 p.m.; Sunday, 1 p.m.-5 p.m.; Monday, closed.

John M. Olin Library: "Early American Bookbindings."

Van Rensselaer Art Gallery: Print Exhibit, A Survey Exhibition of Monotypes. Open to October 27.

History of Science Collections: A Salute to George Lincoln Burr.

Oct. 23 - Oct. 27; 9 a.m. - 4 p.m. Semi-Annual Cornell University Libraries Book Sale. Classroom (lower level), Uris Library.

### ANNOUNCEMENTS

Free tutorial service available for those with problems in writing. Sponsored by the English Dept. Contact R.T. Farrell, 355 Goldwin Smith, Tuesday and Thursday 2-5 p.m.

\*Admission Charged.

Attendance at all events is limited to the approved seating capacity of the hall in which they are presented.

All items for the Cornell Chronicle Calendar must be submitted to the Office of Central Reservations, Willard Straight Hall (either through the mails or by leaving them at the Straight desk) at least 10 days prior to publication of the Chronicle. The Calendar is prepared for the Chronicle by the Office of Central Reservations.

## Four Elected As New A. D. White Professors

The Cornell University Board of Trustees has elected four new Andrew D. White Professors-at-Large.

Elected to six-year terms Friday, Oct. 13, were Howard M. Brown, musicologist; Louis Guttman, sociologist; Sir Fred Hoyle, astrophysicist and cosmologist; and Octavio Paz, poet and man of letters.

They join 16 other members of the unique professors-at-large program at Cornell, which includes several Nobel Prize winners. Named for Cornell's first president, the program was established in 1965 as a device to enlist the collaboration of eminent international scholars and scientists. While retaining

their primary educational affiliations, the professors-at-large become full, non-resident members of the Cornell faculty and make periodic visits to the campus.

Now professor of music at the University of London, Brown was on the faculty of the University of Chicago from 1960 until last spring. He served as chairman of the Department of Music there from 1970 to 1972. He is a specialist in the history of western music from 1400 to 1600.

Guttman is scientific director at the Israel Institute of Applied Social Research and professor of sociology and psychology at the Hebrew University of Jerusalem.

He has an international reputation as an innovator in social science methodology. The Guttman Scale analysis, developed while he was a professor at Cornell from 1941 to 1950, is looked upon as one of the most significant achievements in social science during the years 1900 to 1965.

Former director of the Institute of Theoretical Astronomy at Cambridge University, England, Hoyle is a noted authority on solar physics and has been the Plumian Professor in the fields of astronomy and experimental philosophy at Cambridge since 1958. He is a co-author of the steady-state theory of the origins of the universe.

Paz was founder, director and editor of several Mexican literary reviews including "Barandal," "Taller," and "El Hijo Prodigio." He won a Guggenheim Prize in 1944 and the International Poetry Grand Prix in 1963. He has been Mexico's ambassador to India from 1962 to 1968.

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Thursdays



## Trustees Pick Dick Jackson

Richard C. Jackson of Alendale, N.J., was elected Friday to the Council on Physical Education and Athletics at Cornell by the University's Board of Trustees. He succeeds Jerome H. (Brud) Holland for a term to expire June 30, 1973.

Jackson, a 1956 Cornell graduate who was an outstanding football halfback and basketball player, is responsible for minority employment at International Business Machines (IBM) in Armonk.

The council, composed of trustees, alumni, faculty and students, is involved in support and long range planning and policy-making on athletic programs and facilities.